

## Product Datasheet

### CD133 Rabbit Polyclonal Antibody (orb99113)

<b>Catalog Number</b>	orb99113
<b>Category</b>	Antibodies
<b>Description</b>	CD133 rabbit polyclonal antibody, with the synthetic peptide of human CD133 as immunogen, has been validated for the ELISA, WB, IHC, and IF detection in human, rat, and mouse samples.
<b>Target</b>	CD133. Human;Mouse;Rat. No cross reactivity with other proteins.
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	10 mM PBS, 0.02% sodium azide, 10 mg/ml rAlbumin
<b>Concentration</b>	- 100 µg (in 100 µl): 1 mg/ml- 200 µg (in 200 µl): 1 mg/ml
<b>Purity</b>	Polyclonal antibodies are purified by peptide affinity chromatography
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human CD133. Please contact us for the exact immunogen sequence. The peptide is available as orb374954.
<b>UniProt ID</b>	<b>O54990, O43490</b>
<b>MW</b>	95 kDa
<b>Tested applications</b>	ELISA, ICC, IF, IHC-P, WB

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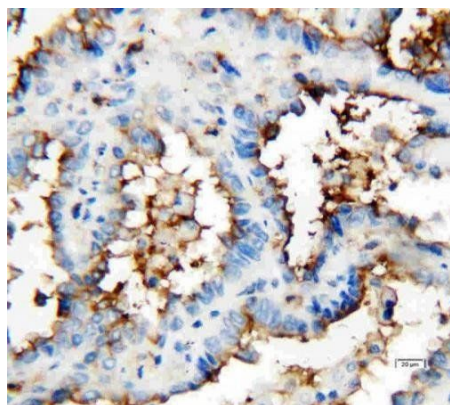
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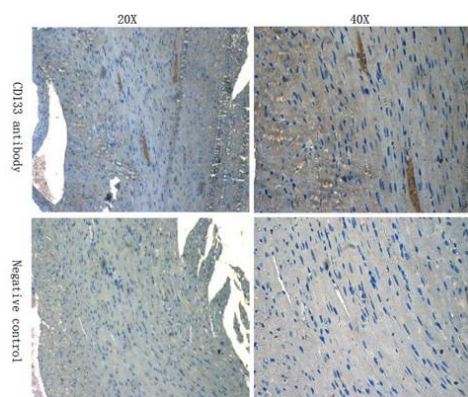
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<b>Dilution range</b>	IHC-P:1:200, WB: 1:500, IF/ICC: 1:200
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>8842</b>
<b>NCBI</b>	<b>001145847, 001139319</b>
<b>Expiration Date</b>	12 months from date of receipt.



Immunohistochemical analysis of paraffin-embedded human mammary cancer tissue using CD133 antibody



IHC-P analysis of mouse heart tissue using CD133 antibody (Primary antibody diluted to 1:100)

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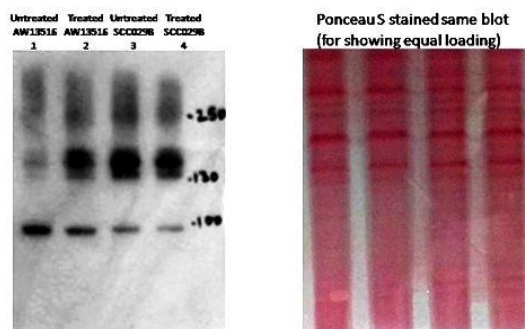
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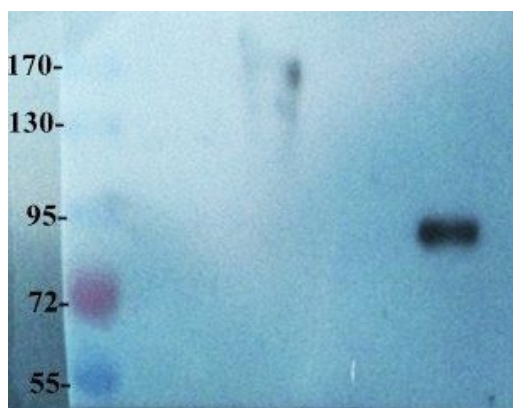
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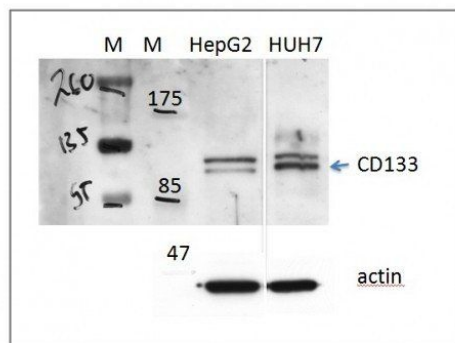


Lane 1,2: AW13516- Tongue SCC cell line.  
Lane 3,4: SCC029B- Buccal Mucosa SCC cell line.  
8% PAGE, 60ug protein.

Western blot analysis of human cancer cell lysates using CD133 antibody [Reviews]



WB analysis of rat small intestine tissue using CD133 antibody (dilution at 1:200-1:1000 based on 1mg/mL)



Western Blot on human cells using CD133 antibody (Protocol steps under Review A) [Reviews]

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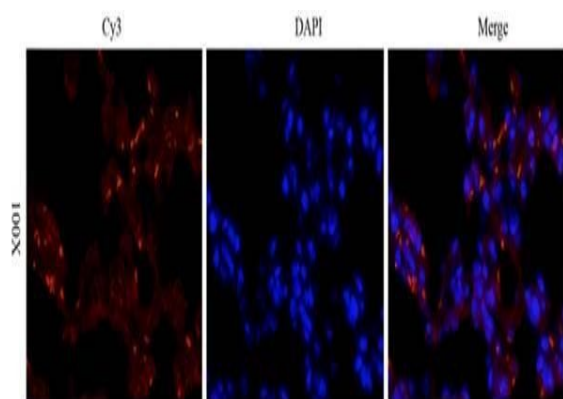
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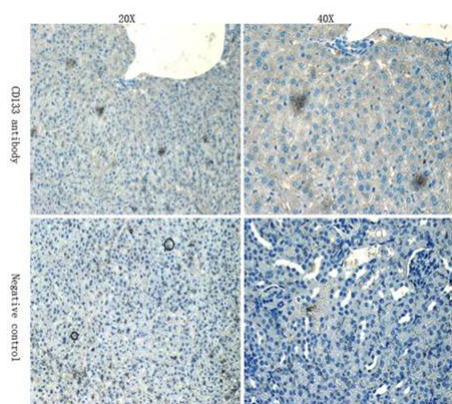
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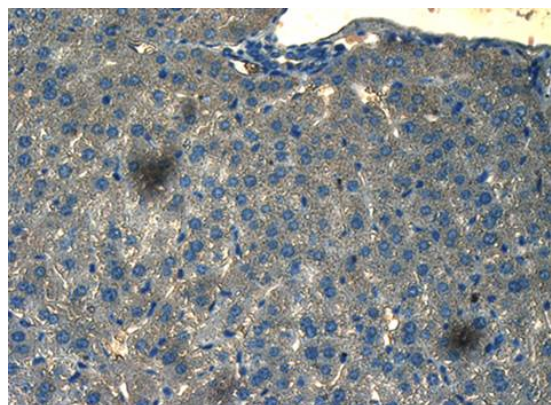
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IF analysis analysis of mouse lung tissue using CD133 antibody  
(Dilution of primary antibody 1:200)



IHC-P analysis of mouse liver tissue using CD133 antibody  
(Dilution of primary antibody 1:100)



IHC-P analysis of mouse liver tissue using CD133 antibody  
(Primary antibody at 1:100)

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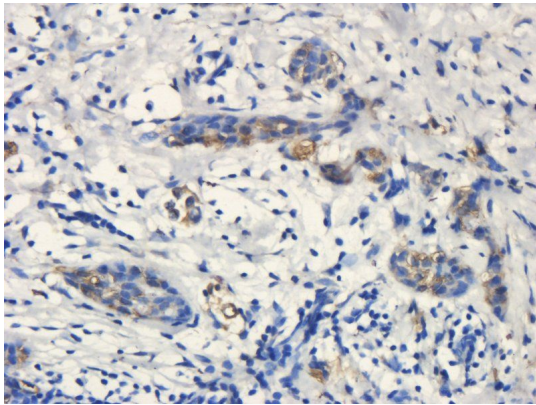
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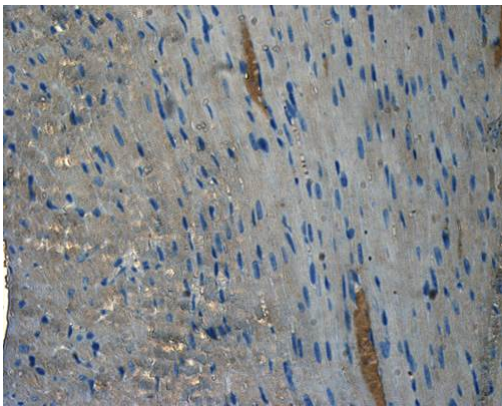
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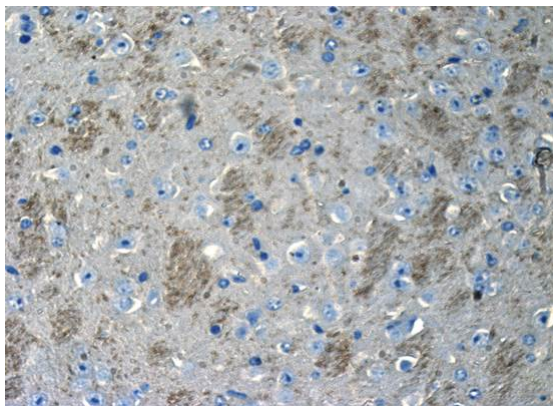
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Immunohistochemical staining of paraffin embedded human breast cancer tissue using anti-CD206 (primary antibody at 1:200)



IHC-P analysis of mouse heart tissue using CD133 antibody (Primary antibody at 1:100)



IHC-P analysis of mouse brain tissue using CD133 antibody (Dilution of primary antibody 1:100)

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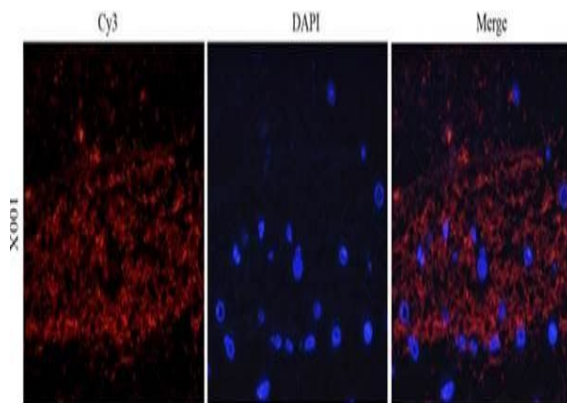
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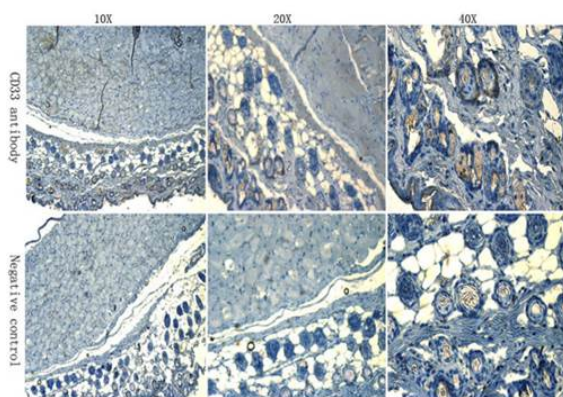
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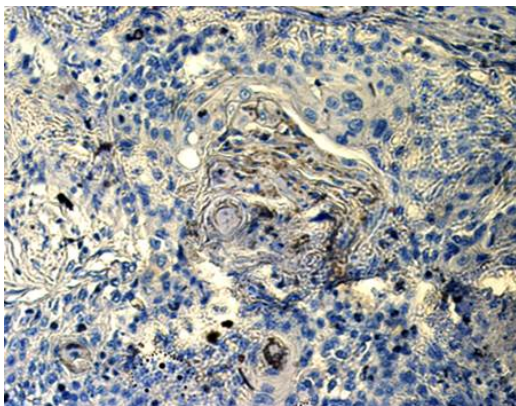
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Immunofluorescent analysis of mouse brain tissue using CD133 antibody (Primary antibody diluted to 1:200)



Immunohistochemical analysis of formalin-fixed and paraffin embedded mouse skin tissue using CD133 antibody (Dilution of primary antibody 1:100)



IHC-P analysis of human lung cancer tissue using CD133 antibody (Dilution of primary antibody 1:100)

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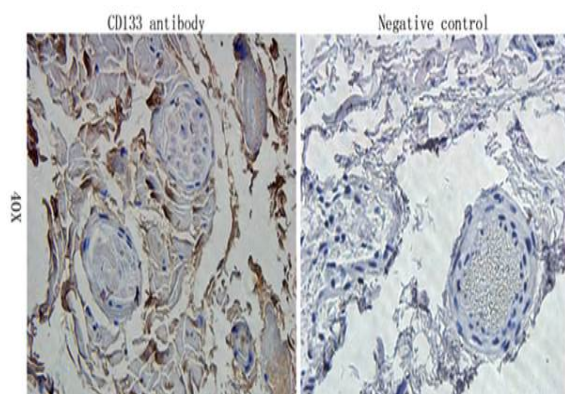
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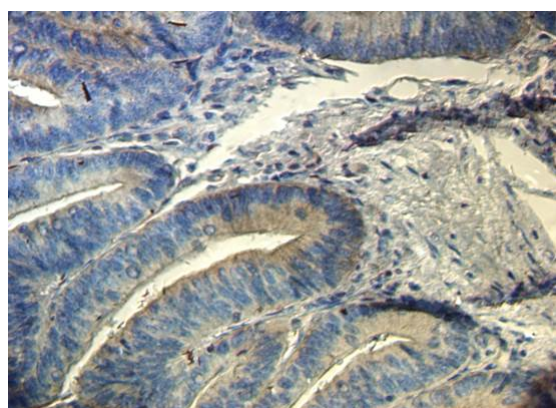
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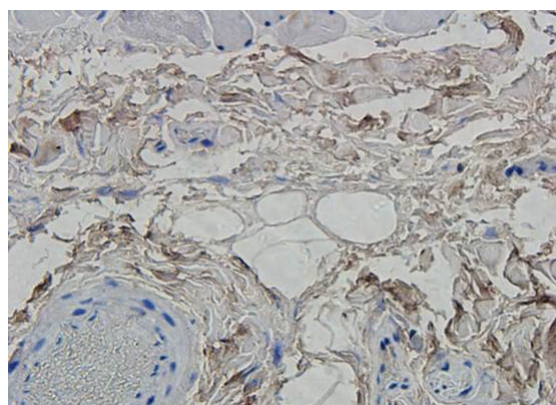
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Immunohistochemical analysis of formalin-fixed and paraffin embedded human muscle tissue using CD133 antibody (Primary antibody diluted to 1:200)



IHC-P analysis of human colonic adenocarcinoma tissue using CD133 antibody (Primary antibody at 1:100)



IHC-P analysis of human muscle tissue using CD133 antibody (Primary antibody at 1:100)

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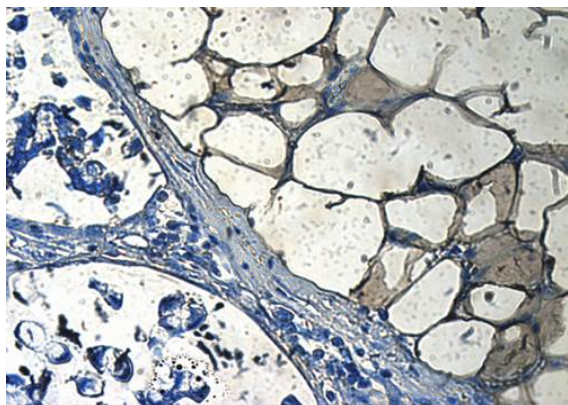
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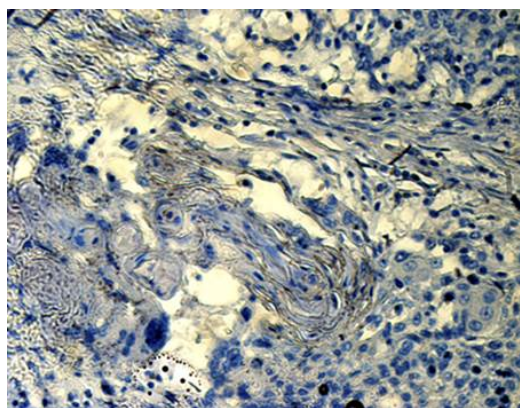
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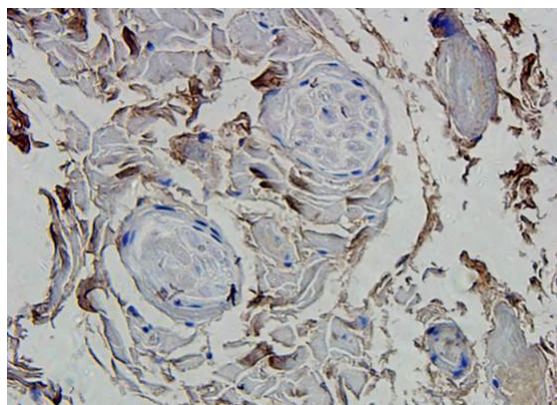
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Immunohistochemical analysis of formalin-fixed and paraffin embedded human colonic adenocarcinoma tissue using CD133 antibody (Dilution of primary antibody 1:100)



IHC-P analysis of human lung cancer tissue using CD133 antibody (Primary antibody diluted to 1:100)



IHC-P analysis of human muscle tissue using CD133 antibody (Primary antibody diluted to 1:100)

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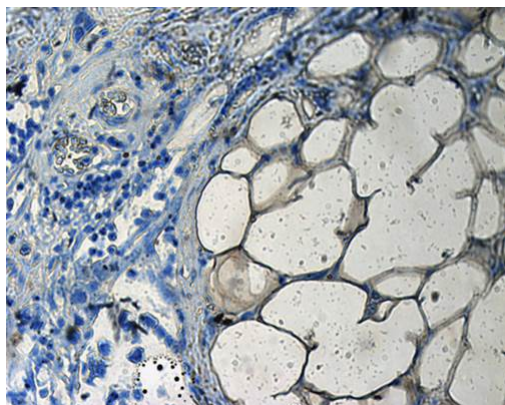
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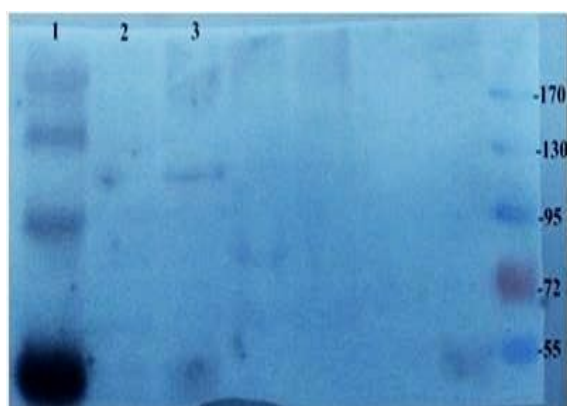
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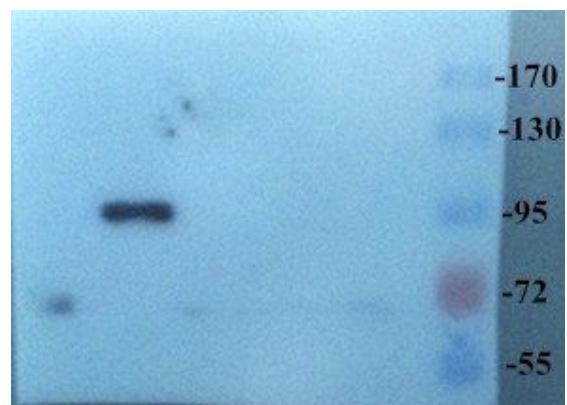
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IHC-P analysis of human colonic adenocarcinoma tissue using CD133 antibody (Primary antibody at 1:100)



Western blot analysis of human muscle (Lane1), Rat muscle (Lane2), Rat bladder (Lane3) using CD133 antibody (Dilution at: 1:500)



Western blot analysis of rat small intestine tissue using CD133 antibody (dilution at 1:200-1:1000 based on 1mg/mL)

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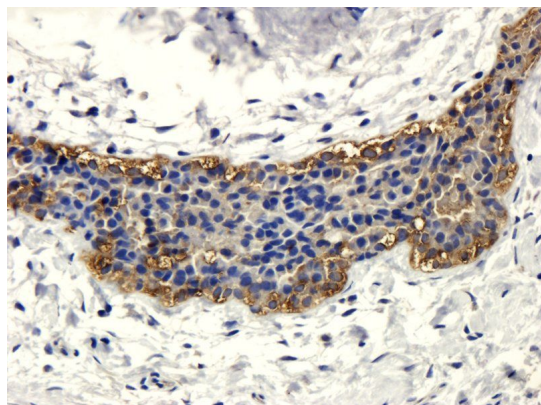
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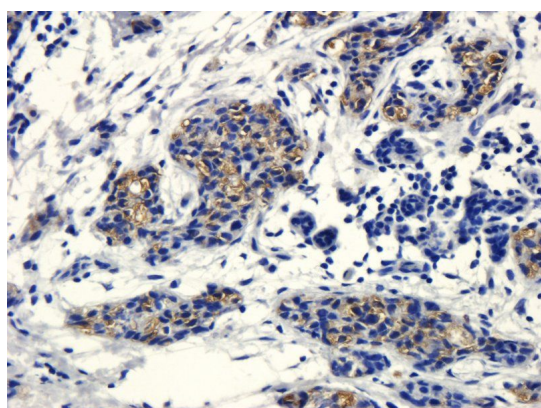
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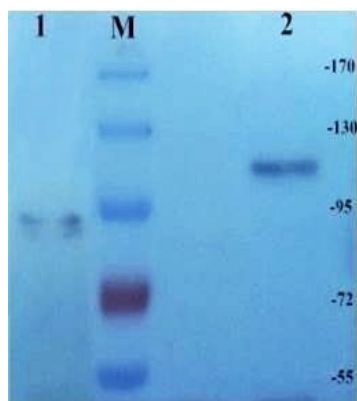
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Immunohistochemical staining of human mammary fibroma tissue using anti-CD206 (dilution of primary antibody - 1:100)



IHC-P image of human breast cancer tissue using anti-CD206 (dilution of primary antibody at 1:100)



Western blot analysis of Mouse large intestine (Lane 1), Mouse spinal cord (Lane 2) using CD133 antibody (Dilution of primary antibody 1:200)

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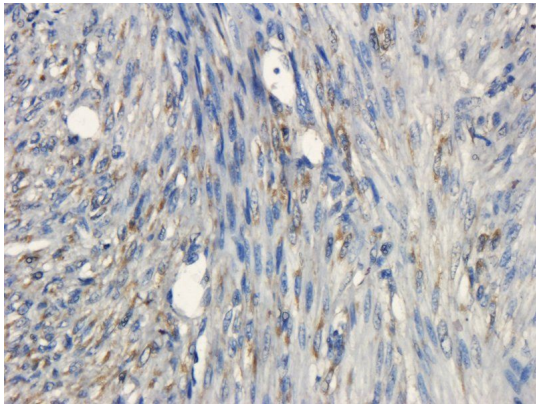
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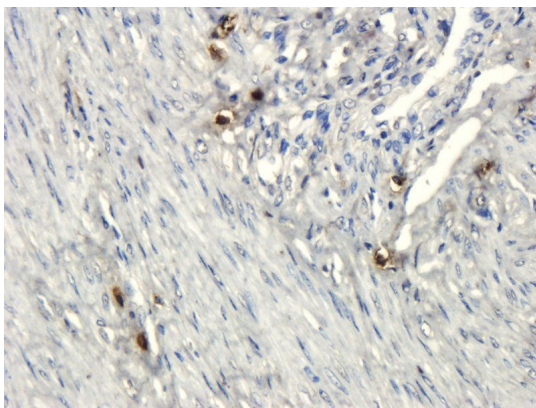
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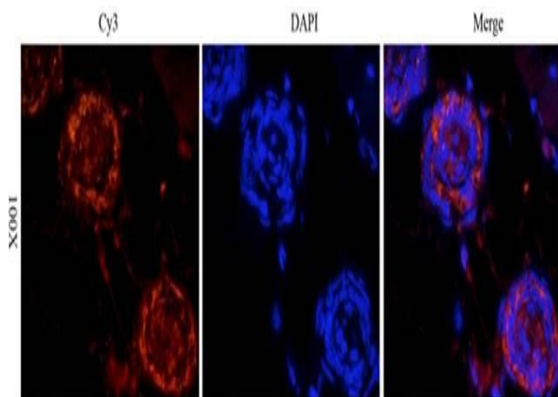
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Immunohistochemical staining of paraffin embedded human endometrial cancer tissue using anti-CD206 (primary antibody at 1:200)



IHC-P image of human endometrial cancer tissue using anti-CD206 (dilution of primary antibody at 1:100)



IF analysis of mouse skin tissue using CD133 antibody (Dilution of primary antibody 1:200)

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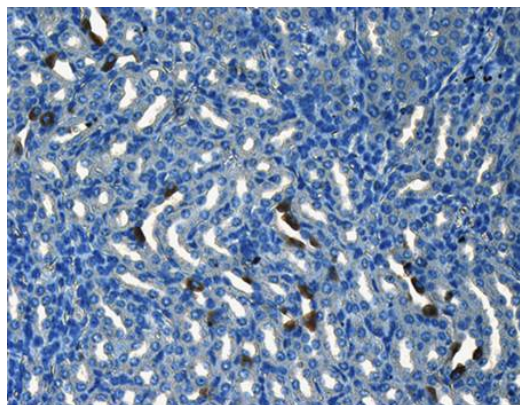
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IHC-P analysis of mouse kidney tissue using CD133 antibody  
(Primary antibody diluted to 1:200)

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