

## Product Datasheet

### CD44 Rabbit Polyclonal Antibody (orb259645)

<b>Catalog Number</b>	orb259645
<b>Category</b>	Antibodies
<b>Description</b>	CD44 Rabbit Polyclonal Antibody is an unconjugated antibody that specifically recognizes CD44. Generated against a KLH conjugated synthetic peptide derived from human CD44. The peptide is available as orb374880. It is supplied in liquid form and exhibits reactivity with Human, Mouse, Porcine and Rat samples. The suitable applications for this antibody are ELISA, IHC-P and WB.
<b>Target</b>	CD44
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Porcine, Rat
<b>Form/Appearance</b>	10 mM PBS, 0.02% sodium azide
<b>Concentration</b>	- 100 µg (in 200 µl): 0.5 mg/ml- 200 µg (in 400 µl): 0.5 mg/ml
<b>Purity</b>	Polyclonal antibodies are purified by peptide affinity chromatography
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human CD44. Please contact us for the exact immunogen sequence. The peptide is available as orb374880.
<b>UniProt ID</b>	<b>P15379, P16070, P26051</b>
<b>Tested applications</b>	ELISA, IHC-P, WB

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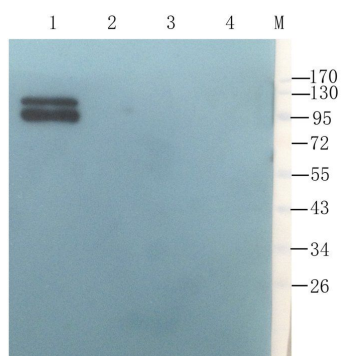
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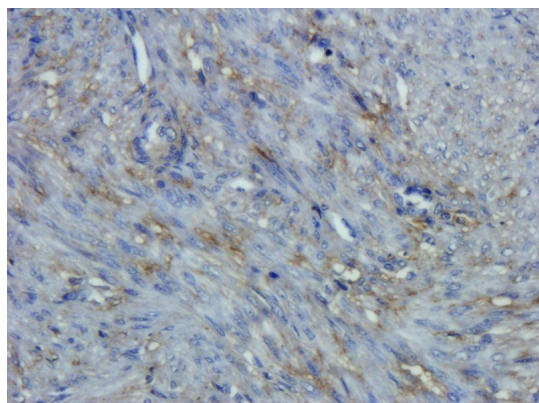
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<b>Dilution range</b>	WB: 1:200-2000, IHC-P: 1:100-800
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>960</b>
<b>NCBI</b>	<b>000601, 001001389</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of Hela cells (lane 1), mouse liver (lane 2), rat lung (lane 3), rat pancreas (lane 4) using CD44 antibody (1 ug/ml)



IHC-P image of human endometrial cancer tissue using CD44 antibody (2.5 ug/ml)

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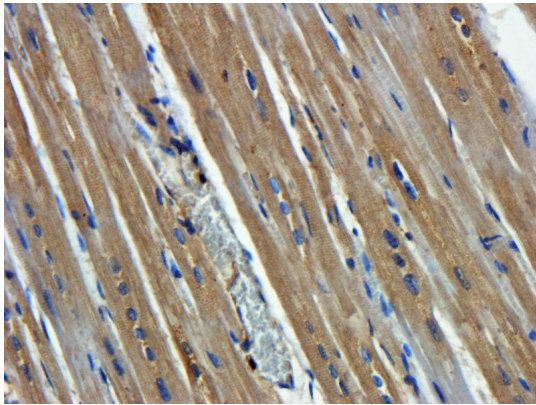
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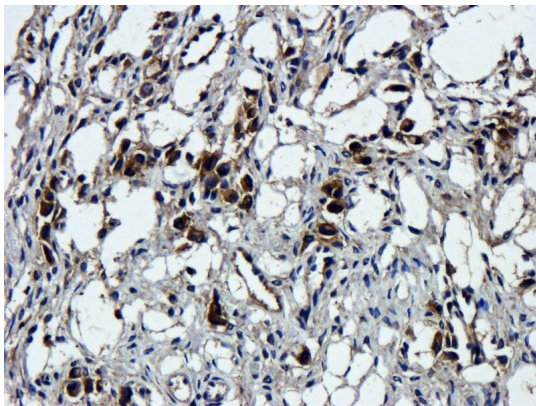
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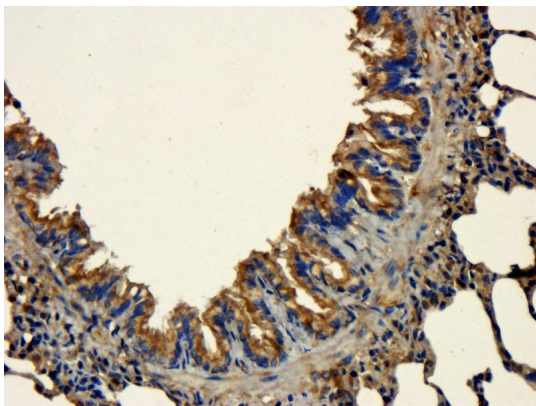
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Immunohistochemical staining of pig heart tissue using anti-CD44 (2.5 ug/ml)



IHC-P staining of human ovarian cancer tissue using CD44 antibody (2.5 ug/ml)



IHC-P staining of rat lung tissue using anti-CD44 (2.5 ug/ml)

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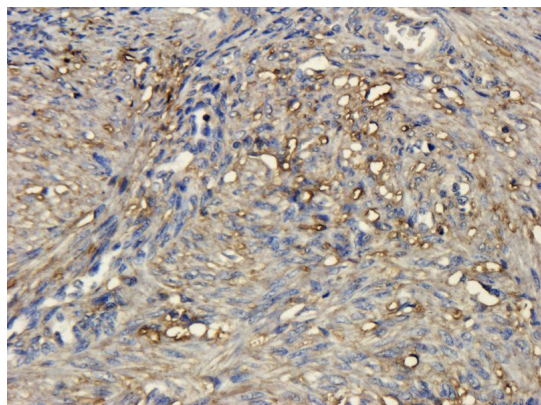
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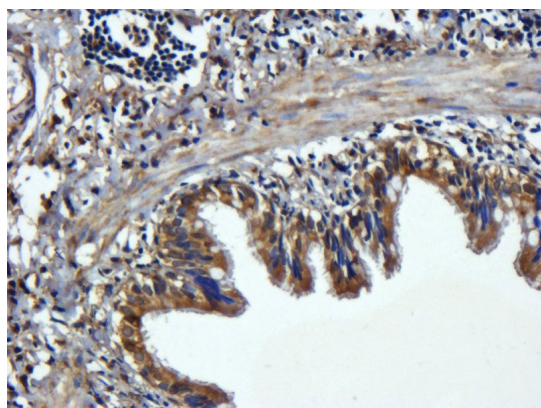
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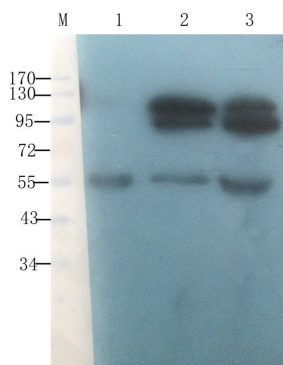
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IHC-P image of human endometrial cancer tissue using CD44 antibody (2.5 ug/ml)



Immunohistochemical staining of rat lung tissue using CD44 antibody (2.5 ug/ml)



WB analysis of human mammary fibroma (lane 1), human endometrial cancer (lane 2), human ovarian cancer (lane 3) using CD44 antibody (1 ug/ml)

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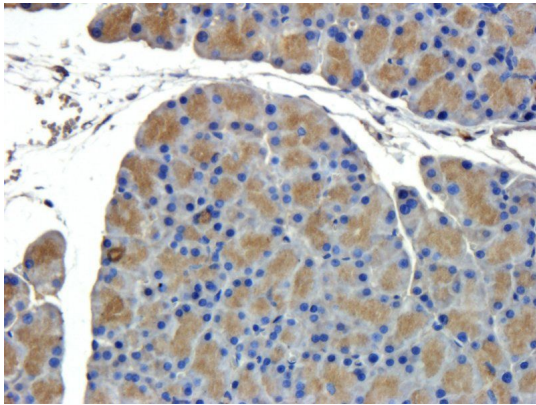
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Immunohistochemical staining of rat pancreas tissue using CD44 antibody (2.5 ug/ml)

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