

## Product Datasheet

# CD133 Rabbit Polyclonal Antibody (FITC) (orb15325)

<b>Catalog Number</b>	orb15325
<b>Category</b>	Antibodies
<b>Description</b>	CD133 Rabbit Polyclonal Antibody (FITC)
<b>Target</b>	CD133
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	FITC
<b>Form/Appearance</b>	Liquid: PBS, 2 mM Sodium Azide, 30% glycerol
<b>Concentration</b>	- 100 µg (in 200 µl): 0.5 mg/ml
<b>Purity</b>	Immunogen affinity purified
<b>UniProt ID</b>	<b>O43490, O54990</b>
<b>MW</b>	95 kDa
<b>Tested applications</b>	ICC, IF, IHC-P
<b>Dilution range</b>	IF/ICC: 1:50-100
<b>Storage</b>	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.

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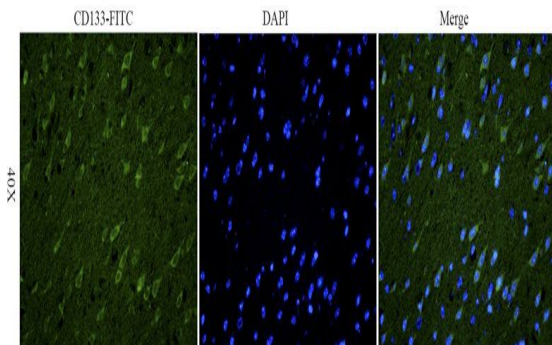
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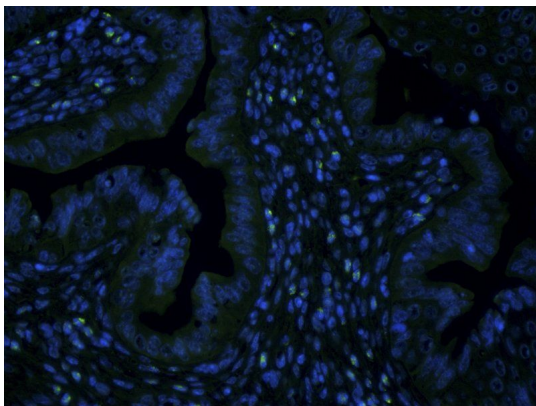
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<b>Note</b>	For research use only
<b>Entrez</b>	<b>8842</b>
<b>NCBI</b>	<b>NP_001139319.1, NP_001139319.11, NM_001145847.1, NM_001145847.11</b>
<b>Expiration Date</b>	12 months from date of receipt.



IF analysis of mouse brain tissue using CD133 antibody (FITC) (1:100)



Immunofluorescence analysis of mouse uterus tissue using anti-CD133 (dilution of primary antibody - 5 ug/ml)

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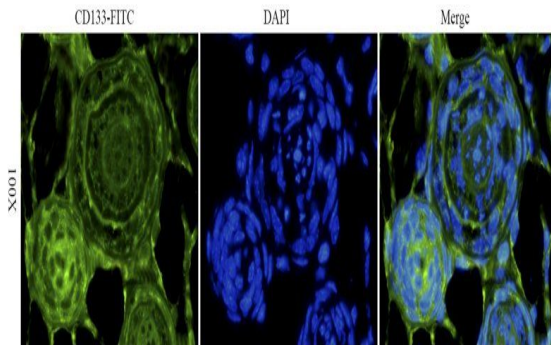
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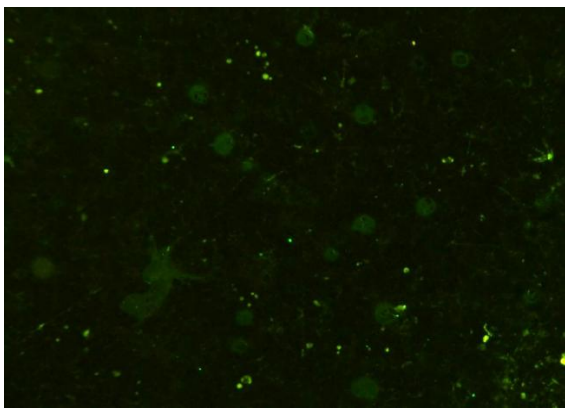
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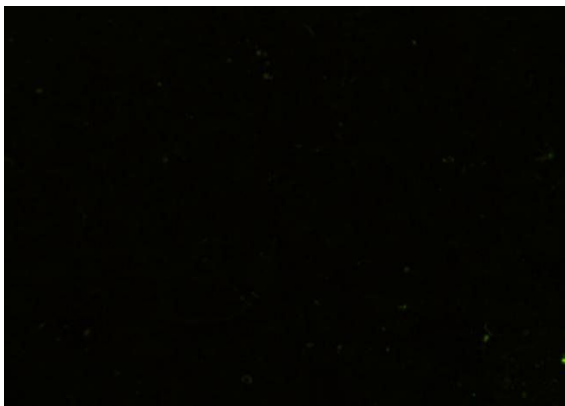
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Immunofluorescence analysis of mouse skin tissue using anti-CD133 (FITC)(1:100)



PC3 prostate cancer cells fixed and stained with normal rabbit IgG (control), and a 1:50 dilution of CD133-FITC (orb15325) (top image) in TBS for 1hr.



Control

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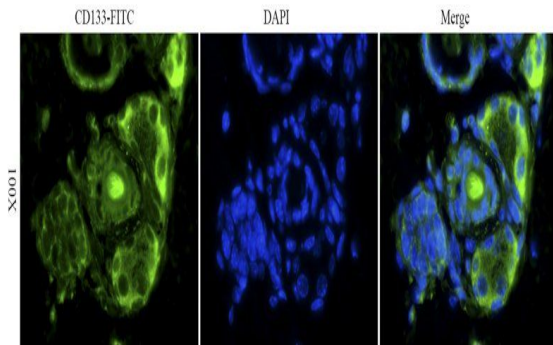
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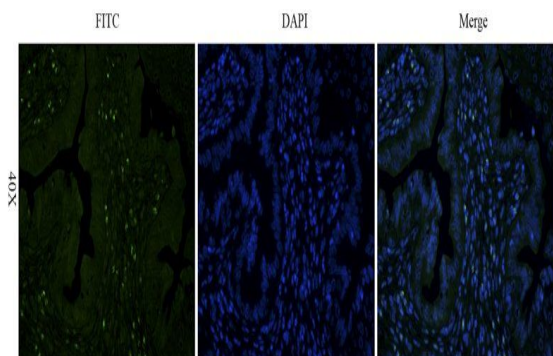
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IF image of mouse skin tissue using anti-CD133 (FITC) (1:100)



Human prostate circulating tumor cells (CTCs) enumerated using the Veridex CellSearch system using a 1:50 dilution of CD133-FITC (orb15325) in the open channel. Screen shot showing cytokeratin/DAPI/CD133 (UDA channel) positive, CD45 negative CTC.



Immunofluorescence image of mouse uterus tissue using CD133 antibody (FITC) (dilution at 5 ug/ml)

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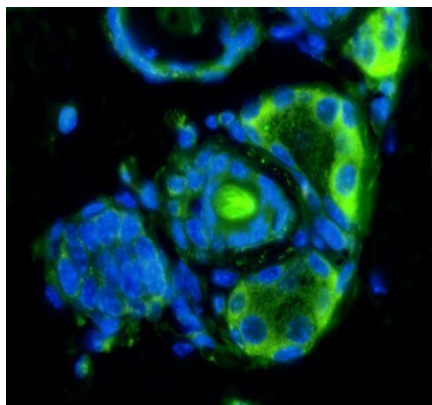
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IF image of mouse skin tissue using anti-CD133 (FITC) (1:100)

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