

Product Datasheet

CD133 Rabbit Polyclonal Antibody (orb1294396)

Catalog Number	orb1294396
Category	Antibodies
Description	Rabbit polyclonal antibody to CD133
Target	CD133 / Prominin-1 (Intracellular domain)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit-IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Buffer/Preservatives	100mM Tris Glycine, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
Immunogen	Synthetic peptide / Extracellular domain corresponding to Human CD133.
Tested applications	IF, IHC, WB
Dilution range	Western Blot 1:500-1:1000, Immunofluorescence 1:300-1:500, Immunohistochemistry (Paraffin) 1:200-1:400
Antibody Type	Primary Antibody
Storage	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.
Note	For research use only

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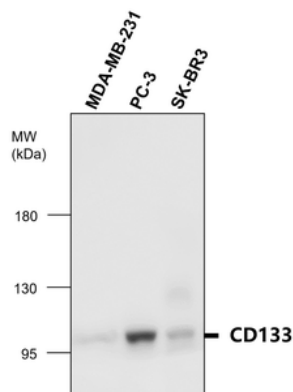
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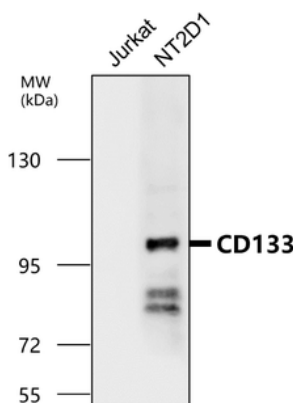
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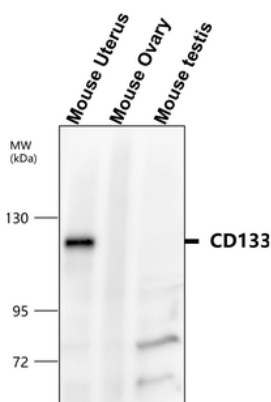
Expiration Date 12 months from date of receipt.



All lanes: Anti-CD133 antibody at 1/700 dilution, Lysates/proteins at 60 µg per lane. This blot was produced using a 5% SDS-PAGE. The gel was run at 140V for 50 minutes before being transferred onto a Nitrocellulose membrane at 18V for 60 minutes. The membrane was then blocked for an hour before being incubated with orb1294396 overnight at 4°C.



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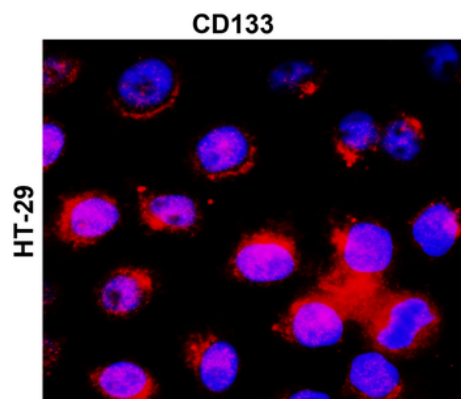
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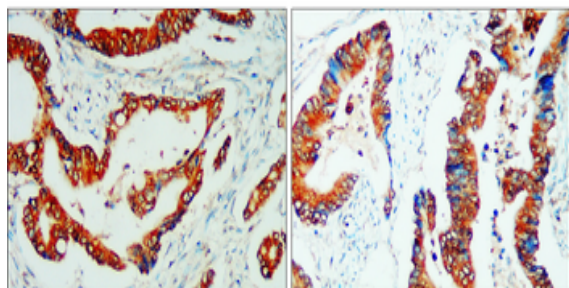
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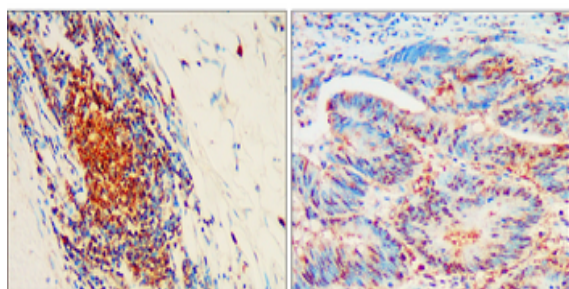
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Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with orb1294396 anti-CD133 / Prominin-1 antibody (red) at 1:400 and 4°C. DAPI (blue) was used as the nuclear counter stain.



Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling CD133 / Prominin-1 with orb1294396 at 1/200.



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