

CD133 Rabbit mAb

Catalog No: #56954



Package Size: #56954-1 50ul #56954-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

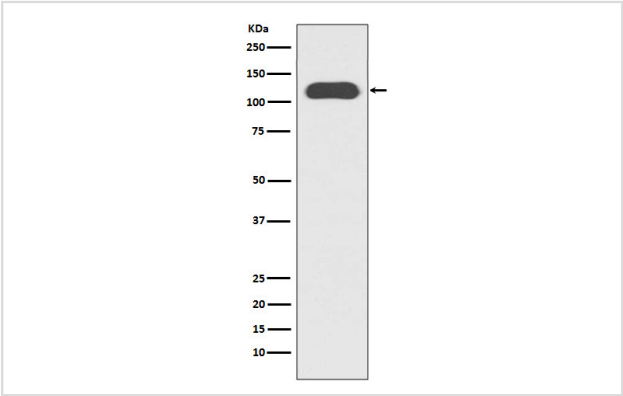
Description

Product Name	CD133 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human
Specificity	CD133 Antibody detects endogenous levels of total CD133
Immunogen Description	A synthesized peptide derived from human CD133
Conjugates	Unconjugated
Other Names	AC133; CD133; CORD12; hProminin; MCDR2; PROM1; Prominin like 1; Prominin1; PROML1; RP41; STGD4
Accession No.	Uniprot:O43490
Calculated MW	97kDa
SDS-PAGE MW	133kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

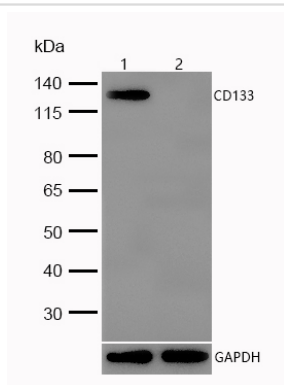
Application Details

WB:1:500~1:2000IHC:1:50~1:200

Images



Western blot analysis of CD133 expression in HT-29 cell lysate.

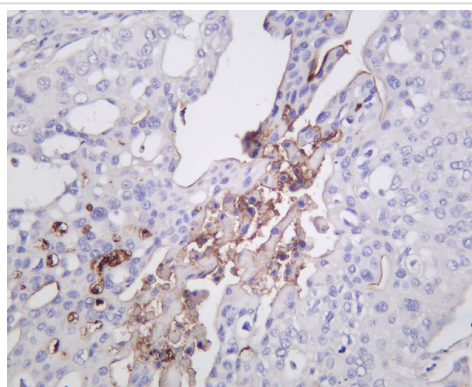


All lanes : CD133 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HAP1 cell lysate

Lane 2 : CD133 knockout HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded Human bladder carcinoma tissue stained for CD133 using 56954 at 1/100 dilution in immunohistochemical analysis.

Product Description

May play a role in cell differentiation, proliferation and apoptosis (PubMed:24556617). Binds cholesterol in cholesterol-containing plasma membrane microdomains and may play a role in the organization of the apical plasma membrane in epithelial cells. During early retinal development acts as a key regulator of disk morphogenesis. Involved in regulation of MAPK and Akt signaling pathways. In neuroblastoma cells suppresses cell differentiation such as neurite outgrowth in a RET-dependent manner.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.