

Product Datasheet

CD133 antibody

Catalog No: DY1301

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: O43490

All Names: Former Catalog No. **CY10301**; AC133; CD133; CORD12; hProminin; MCDR2; PROM1; Prominin like 1; Prominin1; PROML1; RP41; STGD4;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 110 kDa

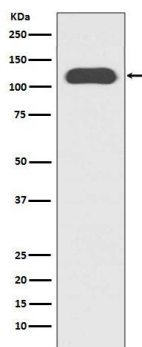
Application

WB: 1:500~1:2000

IHC: 1:50~1:200

Background

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.



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

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