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11-10007: Polyclonal Antibody to CD133/Prominin-1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	PROM1
Gene ID :	8842
Uniprot ID :	O43490
Format :	Purified
Alternative Name :	PROM1,PROML1,MSTP061
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant CD133 protein (amino acids 230-430) was used as the immunogen for this antibody.

Description

CD133/Prominin-1 is a pentaspan transmembrane protein that has been frequently used as a biomarker for cancer stem cells, although its biological function is unclear. CD133 is not restricted to somatic stem cells and cancer stem cells. It is expressed in differentiated epithelial cells in various organs. Due to the highly restricted expression of CD133 family molecules on plasma membrane protrusions of epithelial and other cell types, in association with membrane cholesterol, a role in the organization of plasma membrane topology has also recently been assigned to this family.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-2 Âµg/ml

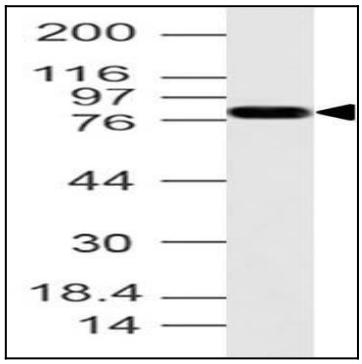

Fig-1: Western blot analysis of CD133. Anti-CD133 antibody (11-10007) was used at 2 µg/ml on Kidney lysate.

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