

For Research Use Only

CD133 Polyclonal antibody

Catalog Number: 11141-1-AP **6 Publications**



Basic Information

Catalog Number: 11141-1-AP	GenBank Accession Number: BC012089	Purification Method: Antigen affinity purification
Size: 90 µg/ml	GeneID (NCBI): 8842	
Source: Rabbit	UNIPROT ID: O43490	
Isotype: IgG	Full Name: prominin 1	
Immunogen Catalog Number: AG1579	Calculated MW: 97 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Background Information

CD133, also known as PROM1 (prominin-1) or AC133, belongs to the prominin family. CD133 is a transmembrane glycoprotein with an NH₂-terminal extracellular domain, five transmembrane loops and a cytoplasmic tail. The expression of CD133 has been reported in hematopoietic stem cells, endothelial progenitor cells, neuronal and glial stem cells, suggesting the potential role of CD133 as a cell surface marker of adult stem cells. CD133 has also been reported as a marker of cancer stem cells in various human tumors.

Notable Publications

Author	Pubmed ID	Journal	Application
Menghuan Wang	38134973	J Nutr Biochem	WB
Shihai Zhou	38187061	Am J Cancer Res	WB
Xiaojing Xing	37987202	J Cell Mol Med	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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Selected Validation Data