

For Research Use Only

# CD133 Polyclonal antibody

Catalog Number: 11141-1-AP

6 Publications



## Basic Information

<b>Catalog Number:</b> 11141-1-AP	<b>GenBank Accession Number:</b> BC012089	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 87 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8842	
<b>Source:</b> Rabbit	<b>Full Name:</b> prominin 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 97 kDa	
<b>Immunogen Catalog Number:</b> AG1579		

## 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

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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