

For Research Use Only

CD133 Polyclonal antibody

Catalog Number: 11141-1-AP

9 Publications



Basic Information

Catalog Number:

11141-1-AP

Size:

150ul, Concentration: 87 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1579

GenBank Accession Number:

BC012089

GeneID (NCBI):

8842

UNIPROT ID:

O43490

Full Name:

prominin 1

Calculated MW:

97 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC

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
Peiyao Gao	38947397	J Cancer	WB, IHC
Shuo Zhang	38692078	Phytomedicine	WB
Huimin Zhou	38607060	Cells	

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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