

Rabbit Anti-CD133 antibody PE Conjugated

Catalog No: #C10131P

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Description

Product Name	Rabbit Anti-CD133 antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A
Applications	IF ICC FC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Immunogen Description	KLH conjugated synthetic peptide derived from human CD133
Conjugates	PE
Target Name	CD133
Other Names	AC133; Antigen AC133; Hematopoietic stem cell antigen; hProminin; PROM1; Prominin I; Prominin like protein 1 precursor; Prominin mouse like 1; prominin1; PROML1; CD133; CORD12; MCDR2; MSTP061; PROML1; RP41; STGD4; PROM1_HUMAN; CD133 antigen.B B
Accession No.	Swiss-Prot#:O43490 NCBI Gene ID:8842
Uniprot	O43490
GeneID	8842;
Cell Localization	cell membrane
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Store at -20°C for 12 months

Application Details

IF dilution:1:50-200

Background

This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

Note: This product is for in vitro research use only