

Summary

Production Name	CD133 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
Purification	Protein A

Immunogen

Gene Name	PROM1
Alternative Names	PROM1;Prominin-1;Antigen AC133;Prominin-like protein 1;CD133
Gene ID	8842.0
SwissProt ID	O43490.

Application

Dilution Ratio	IHC 1:20-100;WB 1:1000-5000;IF 1:200-1000;ELISA 1:5000-20000;IP 1:50-200
Molecular Weight	Calculated MW:97kD;Observed MW:133kD

Background

Cell localization:Membranous.This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to

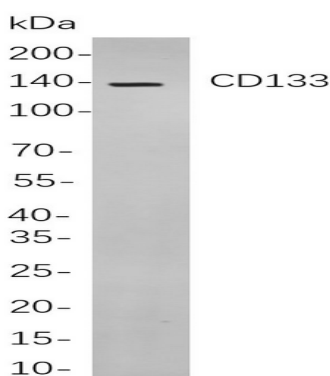
Product Name: CD133 Rabbit Monoclonal Antibody
Catalog #: AMRe21592



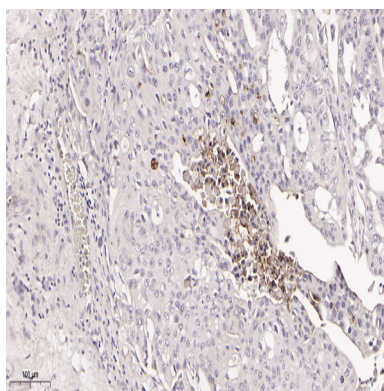
membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated 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],

Research Area

Image Data



Western blot analysis of lysates from Caco-2 cells, using CD133 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



Immunohistochemical analysis of paraffin-embedded human bladder carcinoma tissue. 1, primary Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Note

For research use only.

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