

PROM1

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100

Calculated MW:97kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human PROM1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CD133 ;PROM1;PROM1 1;MSTP061;MCDR2;PROM1 1;6;7

Catalog #:A0219

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:8842

Isotype:IgG

Swiss Prot:O43490

Purity:Affinity purification

For research use only.

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]

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