

CD133 (6H10) Mouse mAb

db6194

Package : 50µL 100µL

Product Name : CD133 (6H10) Mouse mAb**Cat.No.:** db6194**Synonyms** : Prominin-1; Antigen AC133; Prominin-like protein 1; CD133**Application** : WB**Reactivity** : Human**Host species** : Mouse**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.

Immunogen

Purified recombinant human Prominin-1 protein fragments expressed in E.coli

Gene ID

8842

Swiss Prot

O43490

Synonyms

Prominin-1; Antigen AC133; Prominin-like protein 1; CD133

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:500-1:1000

Calculated MW

97 kDa

Observed MW

133 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

6H10-F1-C11

Isotype

IgG2a

Purity

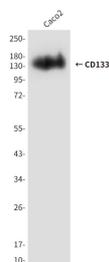
Affinity Purification

Conjugation

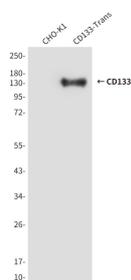
Un-conjugated

Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
 Stable for 12 months from date of receipt.



Western blot analysis of CD133 in CaCo2 lysates using CD133 antibody.



Western blot analysis of CD133 (6H10) in CHO-K1 cells nontransfected (A) or transfected (B) with CD133 using CD133 antibody.