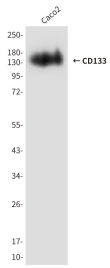
CD133 (6H10) Mouse mAb

db6194 **Package : 50μL 100μL**

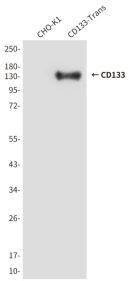
Product Name : CD133 (6H10) Mouse mAb
Cat.No.: db6194
Synonyms : Prominin-1; Antigen AC133; Prominin-like protein 1; CD133
Application : WB
Reactivity : Human
Host species : Mouse

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.