

产品名称: CD133 (6H10) Mouse Monoclonal Antibody
产品货号: AMM03504



产品概述 (Summary)

产品名称 (Production Name)	CD133 (6H10) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG2a
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PROM1
别名 (Alternative Names)	Prominin-1; Antigen AC133; Prominin-like protein 1; CD133.
基因 ID (Gene ID)	8842
蛋白 ID (SwissProt ID)	O43490.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 97 kDa; Observed MW: 133 kDa

研究背景 (Background)

This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often

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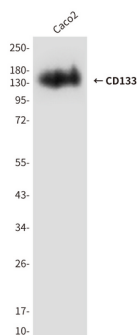


expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This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

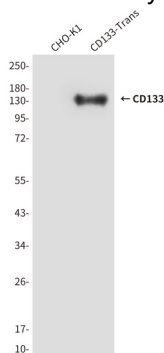
研究领域 (Research Area)

Neuroscience

图片 (Image Data)



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.

注意事项 (Note)

For research use only .