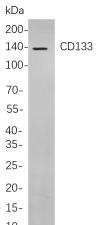
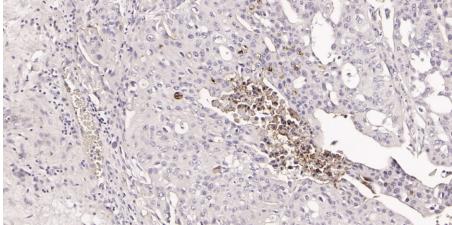


Recombinant CD133 Monoclonal Antibody

catalog number: AN301089L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant Human CD133 protein
Host	Rabbit
Isotype	IgG,κ
Clone	B844
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
Recommended Dilution	
IHC	1:20-100
WB	1:1000-5000
IF	1:200-1000
ELISA	1:5000-20000

Data	
	

Western Blot with Recombinant CD133 Monoclonal Antibody Immunohistochemistry of paraffin-embedded human bladder carcinoma tissue using Recombinant CD133 Monoclonal Antibody at dilution of 1:200.

Observed-MW:133 kDa

Calculated-MW:97 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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.

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