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Datasheet for ABIN7437266 anti-CD133 antibody (AA 180-435)

Image



Overview

Quantity:	100 µL
Target:	CD133 (PROM1)
Binding Specificity:	AA 180-435
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD133 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

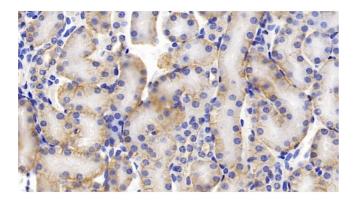
Purpose:	Polyclonal Antibody to Prominin 1 (PROM1)
Immunogen:	Recombinant Prominin 1 (PROM1) corresdonding to Ala180~Trp435 with N-terminal His Tag
lsotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PROM1. It has been selected for its ability to recognize PROM1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	

Target:

CD133 (PROM1)

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Target Details	
Alternative Name:	Prominin 1 (PROM1 Products)
Background:	CD133, PROML1, Macular Dystrophy,Retinal 2, Stargardt Disease 4(Autosomal Dominant), Prominin-like protein 1, Antigen AC133
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of PROM1 in Mouse Kidney Tissue using Polyclonal Antibody to Prominin 1 (PROM1)

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