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Datasheet for ABIN7426298  
**anti-CD133 antibody (AA 171-431)**

1 Image

### Overview

Quantity:	100 µL
Target:	CD133 (PROM1)
Binding Specificity:	AA 171-431
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD133 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

### Product Details

Purpose:	Monoclonal Antibody to Prominin 1 (PROM1)
Immunogen:	Recombinant Prominin 1 (PROM1) corresponding to Ile171~Asp431 with N-terminal His Tag
Clone:	C10
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PROM1. It has been selected for its ability to recognize PROM1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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Target:	CD133 (PROM1)
Alternative Name:	Prominin 1 ( <a href="#">PROM1 Products</a> )
Background:	CD133, PROML1, Macular Dystrophy, Retinal 2, Stargardt Disease 4 (Autosomal Dominant), Prominin-like protein 1, Antigen AC133

## Application Details

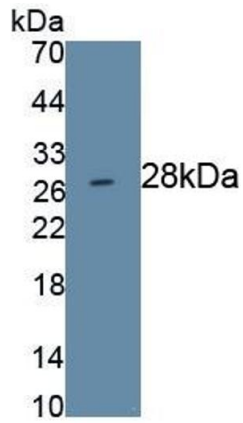
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by 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

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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



### Western Blotting

**Image 1.** Detection of Recombinant PROM1, Human using Monoclonal Antibody to Prominin 1 (PROM1)