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Datasheet for ABIN7463334

Recombinant anti-CD133 antibody (AA 350-400)

Overview

Quantity:	10 µL
Target:	CD133 (PROM1)
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD133 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Rabbit anti-CD133 Recombinant Monoclonal Antibody [BLR093G]
Immunogen:	between AA 350 and 400
Clone:	BLR093G
Isotype:	IgG

Target Details

Target:	CD133 (PROM1)
Alternative Name:	CD133 (PROM1 Products)
Background:	Background: CD133, or Prominin-1, is a pentaspan transmembrane glycoprotein expressed on

Target Details

adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Expression of CD133 is also associated with several types of cancer. [taken from NCBI Entrez Gene (Gene ID: 8842)].

Gene ID: 8842

NCBI Accession: [NP_006008](#)

UniProt: [O43490](#)

Application Details

Application Notes: IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.
WB: 17:40:00

Restrictions: For Research Use only

Handling

Concentration: 250 µg/mL

Buffer: Borate Buffered Saline (BBS) pH 8.2 with 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months