Anti-CD133 antibody (STJ11102716)

STJ11102716

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Rabbit monoclonal antibody anti-CD133 is suitable for use in Western Blot and Immunohistochemistry.
Applications	WB, IHC
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

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Clonality	Monoclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000
	IHC 1:50-1:200
Formulation	PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at-20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

Gene ID	8842
Gene Symbol	PROM1
Uniprot ID	PROM1_HUMAN
Immunogen	A synthesized peptide derived from human CD133.
Immunogen Region	
Specificity	
Immunogen Sequence	
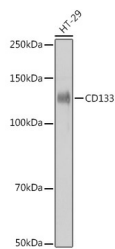
Western blot analysis of extracts of HT-29 cells, using CD133 antibody (STJ11102716) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.
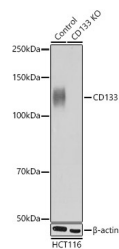
Western blot analysis of extracts from normal (control) and CD133 knockout (KO) HCT116 cells, using CD133 antibody (STJ11102716) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.
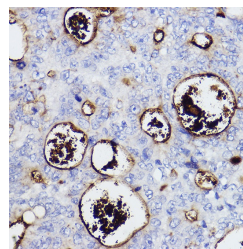
Immunohistochemistry of paraffin-embedded human colon carcinoma using CD133 rabbit monoclonal antibody (STJ11102716) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.