

For Research Use Only

CD133 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87640-4-PBS



Basic Information

Catalog Number: 87640-4-PBS	GenBank Accession Number: NML_006017	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8842	CloneNo.: 253087A9
Source: Rabbit	UNIPROT ID: O43490	
Isotype: IgG	Full Name: prominin 1	
Immunogen Catalog Number: EG3738	Calculated MW: 97kd	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87640-4-PBS targets CD133 as part of a matched antibody pair:

MP03194-1: 87640-4-PBS capture and 87640-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

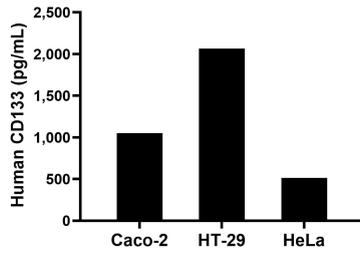
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

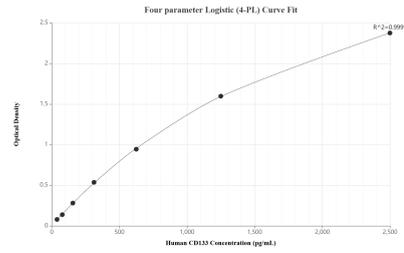
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



The mean CD133 concentration was determined to be 1,052.2 pg/mL in Caco-2 cell extract based on a 1.3 mg/mL extract load, 2,066.1 pg/mL in HT-29 cell extract based on a 1.1 mg/mL extract load and 514.9 pg/mL in HeLa cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03194-1, Human CD133 Recombinant Matched Antibody Pair - PBS only. 87640-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3738. 87640-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.