

For Research Use Only

CD151 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 85385-4-PBS



Basic Information

Catalog Number: 85385-4-PBS	GenBank Accession Number: NM_004357.5	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 977	CloneNo.: 252763H7
Source: Rabbit	UNIPROT ID: P48509	
Isotype: IgG	Full Name: CD151 molecule (Raph blood group)	
Immunogen Catalog Number: EG3476	Calculated MW: 28kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

85385-4-PBS targets CD151 as part of a matched antibody pair:

MP03215-1: 85385-4-PBS capture and 85385-3-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

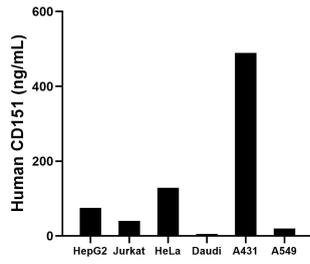
For technical support and original validation data for this product please contact:

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

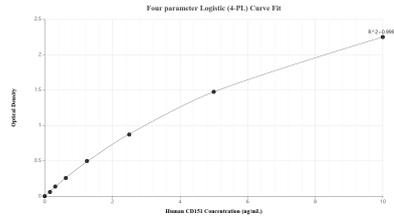
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean CD151 concentration was determined to be 75.35 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 40.21 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 128.99 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 6.04 ng/mL in Daudi cell extract based on a 1.10 mg/mL extract load, 489.64 ng/mL in A431 cell extract based on a 1.50 mg/mL extract load and 19.76 ng/mL in A549 cell extract based on a 1.20 mg/mL extract



Sandwich ELISA standard curve of MP03215-1, Human CD151 Recombinant Matched Antibody Pair - PBS only. 85385-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3476. 85385-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.