

For Research Use Only

MELTF/CD228 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 88127-3-PBS



Basic Information

Catalog Number: 88127-3-PBS	GenBank Accession Number: NM_005929.6	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4241	CloneNo.: 260392B9
Source: Rabbit	UNIPROT ID: P08582-1	
Isotype: IgG	Full Name: antigen p97 (melanoma associated) identified by monoclonal antibodies	
Immunogen Catalog Number: EG9197	133.2 and 96.5	
	Calculated MW: 80 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

88127-3-PBS targets MELTF/CD228 as part of a matched antibody pair:

MP03370-1: 88127-2-PBS capture and 88127-3-PBS detection (validated in Cytometric bead array, 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

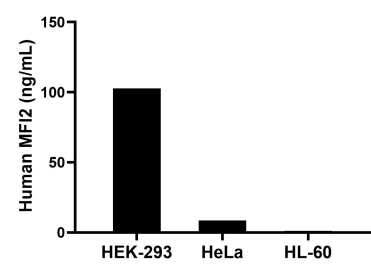
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

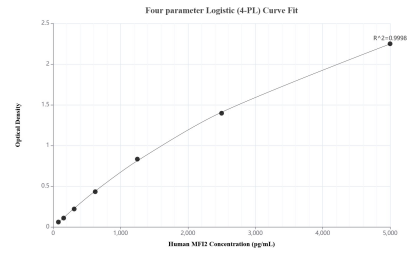
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

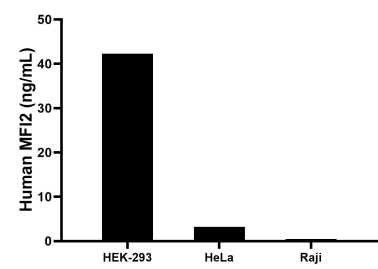
Selected Validation Data



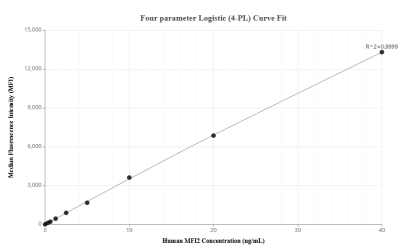
The mean MF12 concentration was determined to be 102.73 ng/mL in HEK-293 cell extract based on a 1.50 mg/mL extract load, 8.59 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 1.26 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP03370-1, Human MF12 Recombinant Matched Antibody Pair - PBS only. 88127-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9197. 88127-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean MF12 concentration was determined to be 42.3 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 3.2 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 0.5 ng/mL in Raji cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP03370-1, MF12 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88127-2-PBS. Detection antibody: 88127-3-PBS. Standard: Eg9197. Range: 0.312-40 ng/mL.