

For Research Use Only

Chitinase 3-like 1/CHI3L1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 83685-5-PBS



Basic Information

Catalog Number:	83685-5-PBS	GenBank Accession Number:	NM_001276.4	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	1116	CloneNo.:	253193B1
Source:	Rabbit	UNIPROT ID:	P36222		
Isotype:	IgG	Full Name:	chitinase 3-like 1 (cartilage glycoprotein-39)		
Immunogen Catalog Number:	EG4992	Calculated MW:	43 kDa		

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83685-5-PBS targets Chitinase 3-like 1/CHI3L1 as part of a matched antibody pair:

MP00663-4: 83685-6-PBS capture and 83685-5-PBS detection (validated in Cytometric bead array)

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

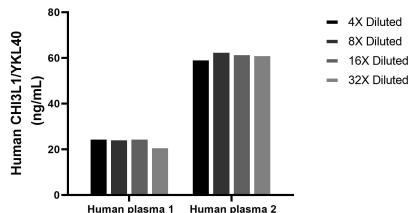
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

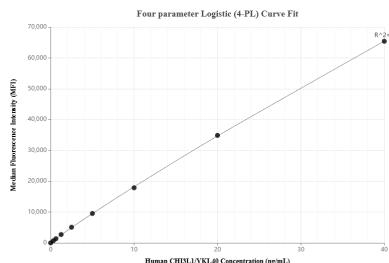
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean CHI3L1/YKL40 concentration was determined to be 24.2 ng/mL in human plasma 1, 61.8 ng/mL in human plasma 2.



Cytometric bead array standard curve of MP00663-4, CHI3L1/YKL40 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83685-6-PBS. Detection antibody: 83685-5-PBS. Standard: Eg4992. Range: 0.312-40 ng/mL.