

For Research Use Only

CHI3L1/YKL40 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: MP00663-4

Capture Antibody Information

Catalog Number:	83685-6-PBS	Clone ID:	253193A1
Host:	Rabbit	Reactivity:	human
Isotype:	IgG	Immunogen Catalog Number:	Eg4992
Purification Method:	Protein A purification		

Detection Antibody Information

Catalog Number:	83685-5-PBS	Clone ID:	253193B1
Host:	Rabbit	Reactivity:	human
Isotype:	IgG	GenBank:	NM_001276.4
Purification Method:	Protein A purification	Immunogen Catalog Number:	Eg4992

Applications

Tested Applications:	Range:
Cytometric bead array	0.312-40 ng/mL (Cytometric Bead Array)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00663-4 targets CHI3L1/YKL40 in immunoassays as a matched antibody pair. Validated in Cytometric bead array. Capture antibody: Chitinase 3-like 1/CHI3L1 Recombinant monoclonal antibody, PBS Only (Capture) 83685-6-PBS (253193A1). 100 µg. Concentration 1 mg/ml. Detection antibody: Chitinase 3-like 1/CHI3L1 Recombinant monoclonal antibody, PBS Only (Detector) 83685-5-PBS (253193B1). 100 µg. Concentration 1 mg/ml. Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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. Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs. Antibody use should be optimized for each application and assay.

Storage

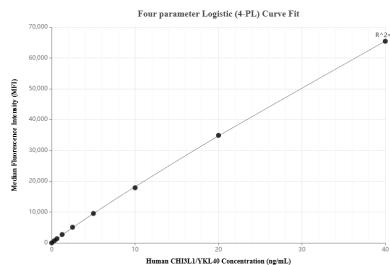
Storage:
Store at -80°C.
Storage buffer:
PBS only

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)

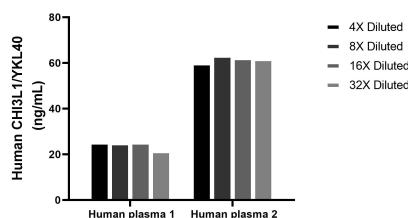
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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



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.