

For Research Use Only

NLRP3 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 80422-2-PBS



Basic Information

Catalog Number: 80422-2-PBS	GenBank Accession Number: NM_001079821	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 114548	CloneNo.: 230052F12
Source: Rabbit	Full Name: NLR family, pyrin domain containing 3	
Isotype: IgG	Calculated MW: 118 kDa	
Immunogen Catalog Number: AG26289		

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

80422-2-PBS targets NLRP3 as part of a matched antibody pair:

MP00101-2: 80422-5-PBS capture and 80422-2-PBS detection (validated in Cytometric bead array)

MP00101-3: 80422-3-PBS capture and 80422-2-PBS detection (validated in Cytometric bead array)

MP80005-1: 80422-2-PBS capture and 68102-3-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:
100% PBS pH 7.3

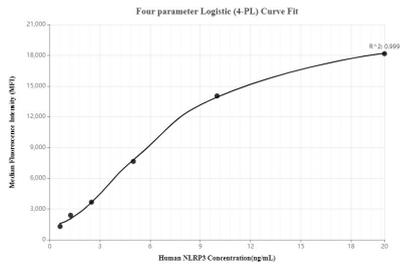
For technical support and original validation data for this product please contact:

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

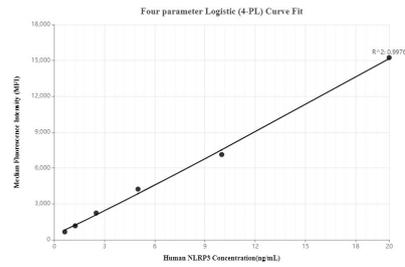
E: proteintech@ptglab.com
W: ptglab.com

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

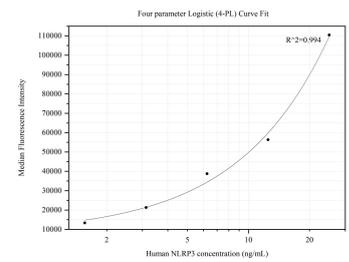
Selected Validation Data



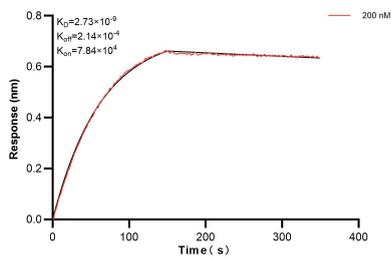
Cytometric bead array standard curve of MP00101-2, NLRP3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80422-5-PBS. Detection antibody: 80422-2-PBS. Standard: Ag26289. Range: 0.625-20 ng/mL



Cytometric bead array standard curve of MP00101-3, NLRP3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80422-3-PBS. Detection antibody: 80422-2-PBS. Standard: Ag26289. Range: 0.625-20 ng/mL



Cytometric bead array standard curve of MP80005-1, NLRP3 Hybrid Matched Antibody Pair, PBS Only. Capture antibody: 80422-2-PBS. Detection antibody: 68102-3-PBS. Standard: Ag26289. Range: 1.563-25 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 80422-2-PBS against Human NLRP3 was performed. The affinity constant is 2.73 nM.