

For Research Use Only

NOD2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83281-3-PBS



Basic Information

Catalog Number: 83281-3-PBS	GenBank Accession Number: NM_001293557	Purification Method: Protein A purification
Concentration: 1mg/ml	GeneID (NCBI): 64127	CloneNo.: 230327E10
Source: Rabbit	UNIPROT ID: Q9HC29	
Isotype: IgG	Full Name: nucleotide-binding oligomerization domain containing 2	
Immunogen Catalog Number: AG33771	Calculated MW: 115 kDa	

Applications

Tested Applications:
IF/ICC, FC (Intra), Cytometric bead array, Indirect
ELISA

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only

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

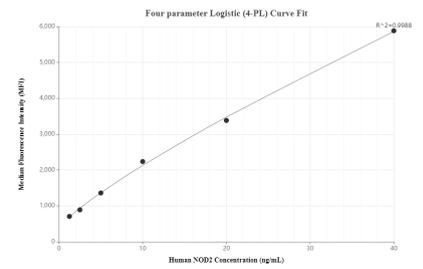
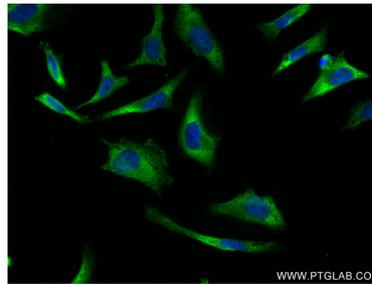
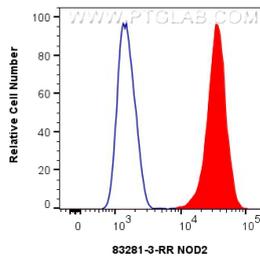
T: 4006900926

E: Proteintech-CN@ptglab.com

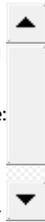
W: ptgcn.com

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

Selected Validation Data

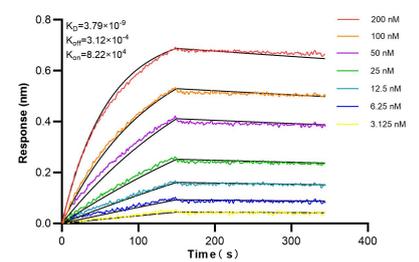
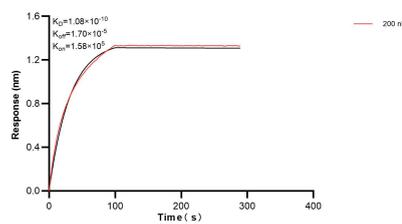
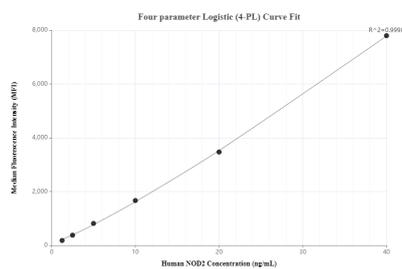


1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug Nod2 Recombinant Antibody (83281-3-RR, Clone:230327E10) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83281-3-PBS in a different storage buffer



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NOD2 antibody (83281-3-RR, Clone: 230327E10) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83281-3-PBS in a different storage buffer formulation.

Cytometric bead array standard curve of MP00320-1, NOD2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83281-1-PBS. Detection antibody: 83281-3-PBS. Standard: Ag33771. Range: 1.25-40 ng/mL.



Cytometric bead array standard curve of MP00320-2, NOD2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83281-4-PBS. Detection antibody: 83281-3-PBS. Standard:Ag33771. Range: 1.25-40 ng/mL.

Biolayer interferometry (BLI) kinetic assay of 83281-3-PBS against Human NOD2 was performed. The affinity constant is 0.108 nM.

Biolayer interferometry (BLI) kinetic assays of 83281-3-RR against Human NOD2 were performed. The affinity constant is 3.79 nM.