

For Research Use Only

NLRC5 Recombinant antibody

Catalog Number: 83384-2-RR



Basic Information

Catalog Number: 83384-2-RR	GenBank Accession Number: BC063566	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 84166	CloneNo.: 240338D8
Source: Rabbit	UNIPROT ID: Q86WI3	Recommended Dilutions: IF/ICC 1:125-1:500
Isotype: IgG	Full Name: NLR family, CARD domain containing 5	
Immunogen Catalog Number: AG34508	Calculated MW: 204 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra), ELISA	Positive Controls: IF/ICC : THP-1 cells,
Species Specificity: human	

Background Information

The nucleotide-binding domain leucine-rich repeat containing (NLR) family of proteins is mainly involved in microbial pathogen recognition, inflammatory responses, and cell death. NLRC5, the largest member of the NLR family, is currently receiving an increasing level of attention. NLRC5 plays a role in cytokine response and antiviral immunity through its inhibition of NF-kappa-B activation and negative regulation of type I interferon signaling pathways.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

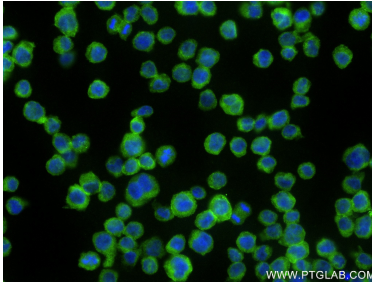
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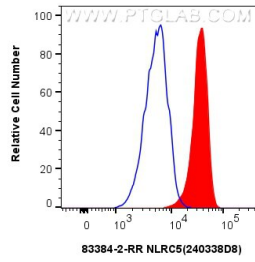
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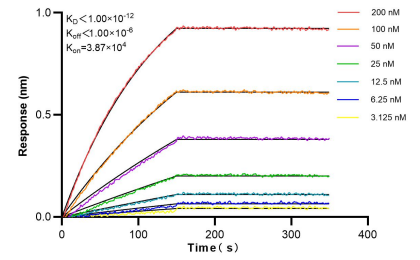
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using NLRC5 antibody (83384-2-RR, Clone: 240338D8) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1×10^6 THP-1 cells were intracellularly stained with 0.25 μ g NLRC5 Recombinant antibody (83384-2-RR, Clone:240338D8) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 μ g 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).



Biacore interferometry (BLI) kinetic assays of 83384-2-RR against Human NLRC5 were performed. The affinity constant is below 1 pM.