

For Research Use Only

IRAK3 Recombinant antibody

Catalog Number:83876-2-RR



Basic Information

Catalog Number: 83876-2-RR	GenBank Accession Number: BC057800	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 11213	CloneNo.: 240975C5
Source: Rabbit	UNIPROT ID: Q9Y616	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: interleukin-1 receptor-associated kinase 3	
Immunogen Catalog Number: AG4959	Calculated MW: 68 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : THP-1 cells, HL-60 cells, mouse lung tissue
Species Specificity: human	IF/ICC : THP-1 cells,

Background Information

IRAK3 (Interleukin-1 receptor-associated kinase-3, also named IRAKM) as a kinase-deficient member of the TLR/IRAK family has been shown to negatively regulate Toll-like receptor (TLR)-mediated cell signaling (PMID: 33590831).

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**

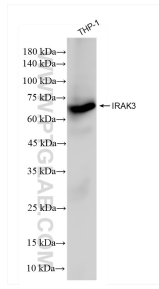
For technical support and original validation data for this product please contact:

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

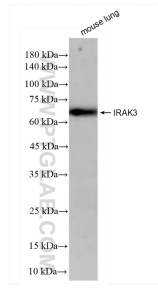
E: proteintech@ptglab.com
W: ptglab.com

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

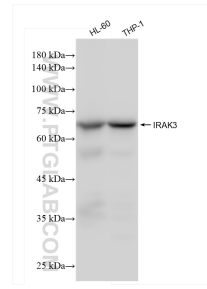
Selected Validation Data



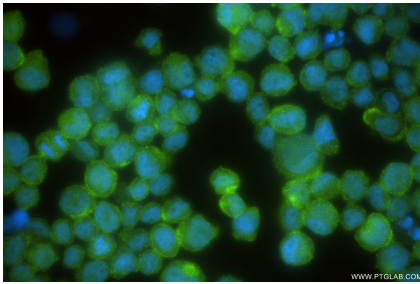
THP-1 cells were subjected to SDS PAGE followed by western blot with 83876-2-RR (IRAK3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



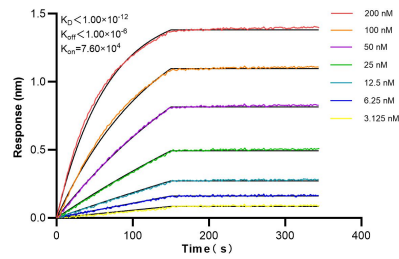
mouse lung tissue were subjected to SDS PAGE followed by western blot with 83876-2-RR (IRAK3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 83876-2-RR (IRAK3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using IRAK3 antibody (83876-2-RR, Clone: 240975C5) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83876-2-RR against Human IRAK3 were performed. The affinity constant is below 1 pM.