

For Research Use Only

IRAK3 Recombinant antibody

Catalog Number: 83876-2-RR



Basic Information

Catalog Number:

83876-2-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4959

GenBank Accession Number:

BC057800

GeneID (NCBI):

11213

UNIPROT ID:

Q9Y616

Full Name:

interleukin-1 receptor-associated
kinase 3

Calculated MW:

68 kDa

Observed MW:

68 kDa

Purification Method:

Protein A purification

CloneNo.:

240975C5

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : THP-1 cells, HL-60 cells, mouse lung tissue

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

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

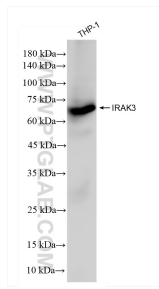
T: 4006900926

E: Proteintech-CN@ptglab.com

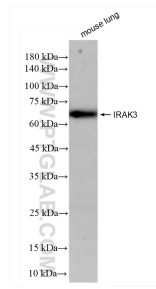
W: ptgcn.com

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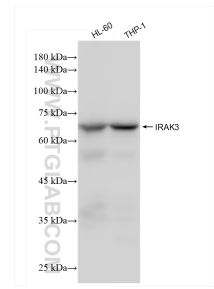
Selected Validation Data



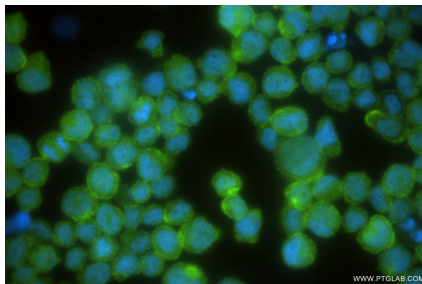
THP-1 cells were subjected to SDS PAGE followed by western blot with 83876-2-RR (IRAK3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



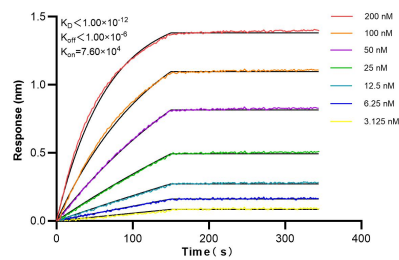
mouse lung tissue were subjected to SDS PAGE followed by western blot with 83876-2-RR (IRAK3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.