

Product Name: phospho-NLRC4(Ser-533) Rat Monoclonal Antibody
Catalog #: AMR81613

Summary

Production Name	phospho-NLRC4(Ser-533) Rat Monoclonal Antibody
Description	Rat Monoclonal antibody
Host	Rat
Application	WB,ICC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	Rat IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	phospho-NLRC4(Ser-533)
Alternative Names	CLAN; IPAF; CLAN1; CLANA; CLANB; CLANC; CLAND; Card12; 9530011P19Rik
Gene ID	268973.0
SwissProt ID	Q3UP24 .Synthesized peptide of mouse phospho-NLRC4(Ser-533) (AA: 525-538) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,ICC:1:200-1:1000,ELISA:1:10000
Molecular Weight	116.7kDa

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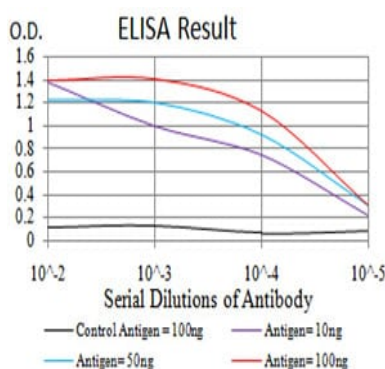


Background

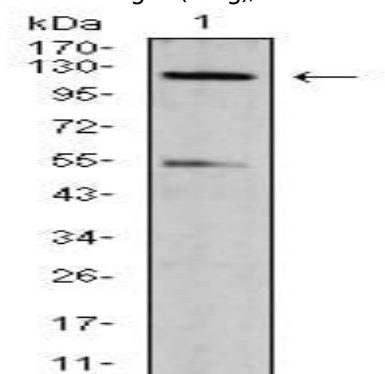
NLRC4 is a cytosolic NOD (nucleotide binding and oligomerization domain)-like receptor (NLR) that can trigger inflammasome formation in response to bacterial flagellin, an immunodominant antigen in the intestine.

Research Area

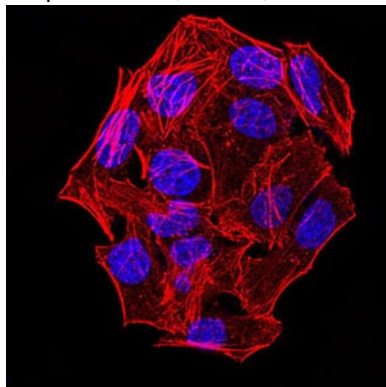
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

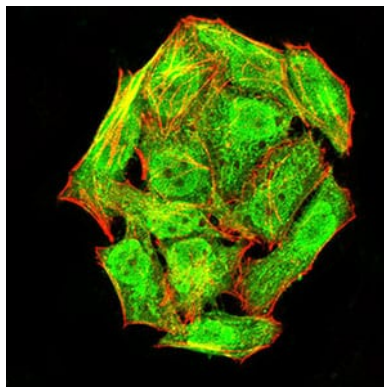


Western blot analysis using phospho-NLRC4(Ser-533) rat mAb against NIH/3T3 (1) cell lysate.



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Immunofluorescence analysis of Hela cells using phospho-NLRC4(Ser-533) rat mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence analysis of Hela cells using phospho-NLRC4(Ser-533) rat mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Note

For research use only.