BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-NOD4 NLRC5 Antibody

Catalog Number: A04481

About NLRC5

NOD4 is a member of the NOD (nucleotide-binding oligomerization domain) family, a group of proteins that are involved in innate immune defense. NOD4 contains a CARD-like domain, a central NOD domain and a large LRR region. NOD4, an IFN-gamma-inducible nuclear protein, plays a role in homeostatic control of innate immunity and in antiviral defense mechanisms. As a key negative regulator of NF-kappaB and type I interferon signaling, NOD4 may be a useful target for manipulating immune responses against infectious or inflammation-associated diseases, including cancer.

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-NOD4 NLRC5 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-NOD4 NLRC5 Antibody (Catalog # A04481). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	NOD4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	NOD4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q86WI3

Technical Details

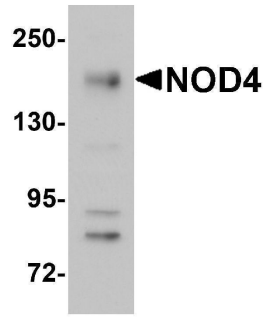
Immunogen	NOD4 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human NOD4. The immunogen is located within amino acids 20 - 70 of NOD4.
Predicted Reactive Species	Chicken
Cross Reactivity	NOD4 antibody is predicted to not cross-react with other members of the NOD family of proteins.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

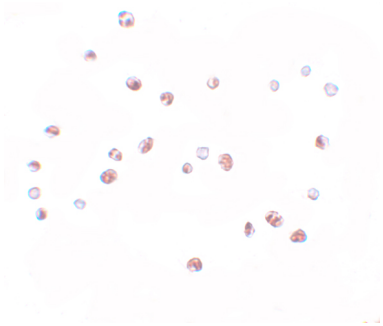
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	NOD4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	NOD4 antibody can be used for detection of NOD4 by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

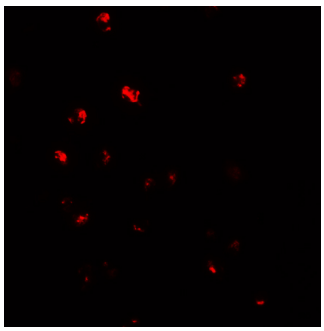
Anti-NOD4 NLRC5 Antibody (A04481) Images



Western blot analysis of NOD4 in EL4 cell lysate with NOD4 antibody at 1 ug/mL.



Immunocytochemistry of NOD4 in HeLa cells with NOD4 antibody at 10 ug/mL.



Immunofluorescence of NOD4 in HeLa cells with NOD4 antibody at 20 ug/mL.

Anti-NOD4 NLRC5 Antibody

For Research Use Only. Not for use in diagnostic procedures.