

For Research Use Only

# NOD2 Monoclonal antibody

Catalog Number: 66710-1-Ig 4 Publications



## Basic Information

<b>Catalog Number:</b> 66710-1-Ig	<b>GenBank Accession Number:</b> NM_022162	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 64127	<b>CloneNo.:</b> 1A10D1
<b>Source:</b> Mouse	<b>Full Name:</b> nucleotide-binding oligomerization domain containing 2	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 115 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, THP-1 cells, K-562 cells, Raji cells
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human	

## Background Information

OD2, also named as CARD15 and IBD1, induces NF-kappa-B via RICK (CARDIAC, RIP2) and IKK-gamma. It confers responsiveness to intracellular bacterial lipopolysaccharides (LPS). Defects in NOD2 are the cause of Blau syndrome (BS). Defects in NOD2 are a cause of susceptibility to Crohn disease (CD). Defects in NOD2 are a cause of susceptibility to ulcerative colitis. Defects in NOD2 are the cause of early-onset sarcoidosis (EOS).

## Notable Publications

Author	Pubmed ID	Journal	Application
Mingxin Dong	34744746	Front Pharmacol	WB
Yaying You	36506547	Front Pharmacol	WB
Chun-Xia Shi	32432055	Front Cell Infect Microbiol	WB, IF

## Storage

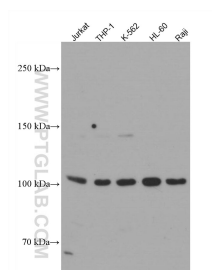
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66710-1-Ig (NOD2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.