

For Research Use Only

NOD2 Monoclonal antibody

Catalog Number: 66710-1-Ig **4 Publications**



Basic Information

Catalog Number: 66710-1-Ig	GenBank Accession Number: NM_022162	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64127	CloneNo.: 1A10D1
Source: Mouse	UNIPROT ID: Q9HC29	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG2a	Full Name: nucleotide-binding oligomerization domain containing 2	
	Calculated MW: 115 kDa	

Applications

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

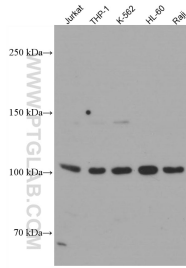
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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

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.