

NOD2 Monoclonal ANTIBODY

Catalog Number: 66710-1-Ig

1 Publications

Basic Information

Catalog Number:
66710-1-Ig

Size:
150 µg/150 µl

Source:
Mouse

Isotype:
IgG2a

Purification Method:
Protein A purification

Immunogen Catalog Number:

GenBank Accession Number:
NM_022162

GeneID (NCBI):
64127

Full Name:
nucleotide-binding oligomerization domain
containing 2

Calculated MW:
115 kDa

Observed MW:
110 kDa

Recommended Dilutions:
WB 1:1000-1:3000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
Human

Cited Species:
mouse

Positive Controls:

WB : Jurkat cells; THP-1 cells, K-562 cells, Raji cells

Background Information

OD2, also named as CARD15 and IBD1, induces NF-kappa-B via RICK (CARDIAK, 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 |
|----------|-----------|----------------|-------------|
| Lin Chen | 30793522 | J Cell Mol Med | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

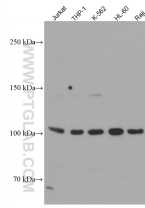
For technical support and original validation data for this product please contact:

T: 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