

For Research Use Only

NOD2 Polyclonal antibody

Catalog Number: 30628-1-AP



Basic Information

Catalog Number: 30628-1-AP	GenBank Accession Number: NM_001293557	Purification Method: Antigen affinity purification
Concentration: 550 ug/ml	GeneID (NCBI): 64127	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9HC29	IF/ICC 1:200-1:800
Isotype: IgG	Full Name: nucleotide-binding oligomerization domain containing 2	
Immunogen Catalog Number: AG33771	Calculated MW: 115 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	IHC : mouse skin tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF/ICC : HeLa cells,

Background Information

NOD2, 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).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

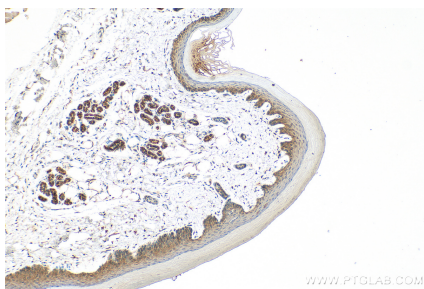
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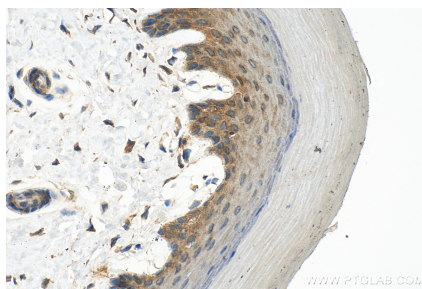
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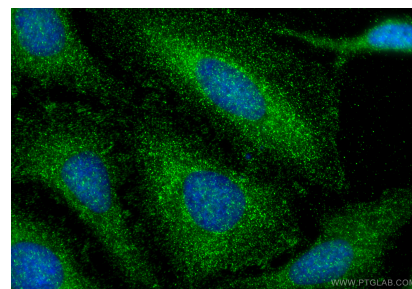
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 30628-1-AP (NOD2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 30628-1-AP (NOD2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using NOD2 antibody (30628-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).