

NOD2 Polyclonal Antibody

Catalog NumberPA5-19992

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	2-4 µg/mL
Type	Antibody	Immunocytochemistry (ICC/IF)	10 µg/mL
Immunogen	A synthetic peptide corresponding to 14 amino acids at the carboxy terminus of human NOD2.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is Hela cell lysate. PA5-19992 can be used with blocking peptide PEP-0307.

Background/Target Information

NOD2 is a member of the apoptosis regulating protein family that includes caspase recruitment-domains, as well as Apaf-1 and NOD1. It contains two N-terminal CARDs, a nucleotide binding domain (NBD), and multiple C-terminal leucine-rich repeats (LRRs). NOD2 is expressed in monocytes (whereas NOD1 is expressed in multiple tissues). NOD2 plays a role in regulating NF-kappaB, acts as an intracellular receptor for bacterial lipopolysaccharides, and contributes to inflammatory bowel disease (IBD) and Crohn's disease.

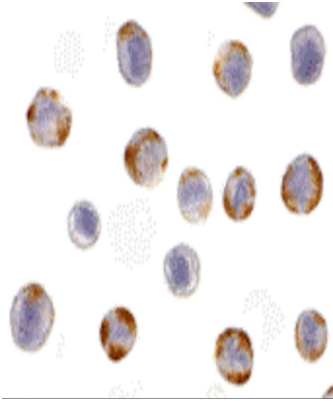
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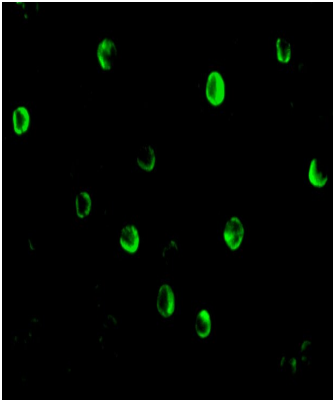
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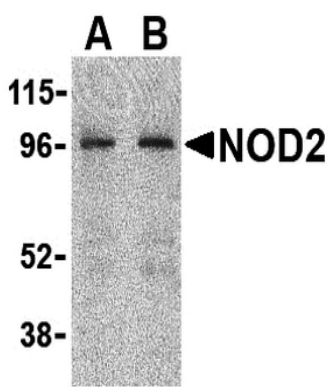
Product Images For NOD2 Polyclonal Antibody



NOD2 Antibody (PA5-19992) in ICC/IF
Immunocytochemistry of NOD2 in HeLa cells with NOD2 Polyclonal Antibody (Product # PA5-19992) at 10 µg/mL.



NOD2 Antibody (PA5-19992) in ICC/IF
Immunofluorescence of NOD2 in HeLa cells with NOD2 Polyclonal Antibody (Product # PA5-19992) at 20 µg/mL.



NOD2 Antibody (PA5-19992) in WB
Western Blot analysis of NOD2 in HeLa cell lysate with NOD2 Polyclonal Antibody (Product # PA5-19992) at (A) 2 and (B) 4 µg/mL.

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