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Datasheet for ABIN534028

## anti-NOD2 antibody (AA 28-301)

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### Overview

Quantity:	100 µL
Target:	NOD2
Binding Specificity:	AA 28-301
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NOD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant NOD2.
Immunogen:	Recombinant protein corresponding to amino acids 28-301 of human NOD2.
Clone:	2D9
Isotype:	IgG1
Specificity:	This antibody is specific to NOD2 protein.
Cross-Reactivity:	Human, Mouse, Primate

### Target Details

Target:	NOD2
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## Target Details

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Alternative Name:	CARD15 / NOD2 ( <a href="#">NOD2 Products</a> )
Gene ID:	64127
Pathways:	<a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Inflammasome</a>

## Application Details

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Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

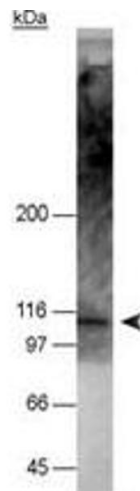
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Format:	Liquid
Buffer:	In PBS (0.02 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in:	Lala, Ogura, Osborne, Hor, Bromfield, Davies, Ogunbiyi, Nuñez, Keshav: "Crohn's disease and the NOD2 gene: a role for paneth cells." in: <b>Gastroenterology</b> , Vol. 125, Issue 1, pp. 47-57, (2003) ( <a href="#">PubMed</a> ).
	Ogura, Lala, Xin, Smith, Dowds, Chen, Zimmermann, Tretiakova, Cho, Hart, Greenson, Keshav, Nuñez: "Expression of NOD2 in Paneth cells: a possible link to Crohn's ileitis." in: <b>Gut</b> , Vol. 52, Issue 11, pp. 1591-7, (2003) ( <a href="#">PubMed</a> ).



#### Western Blotting

**Image 1.** Western blot analysis of NOD2 in 50 ug of HT-29 cell lysate with NOD2 monoclonal antibody, clone 2D9 .



#### Western Blotting

**Image 2.** Western blot analysis of NOD2 in NOD2 transfected HEK 293T (Bosc 23) cell lysate with NOD2 monoclonal antibody, clone 2D9 .