

Product datasheet for **TA320428**

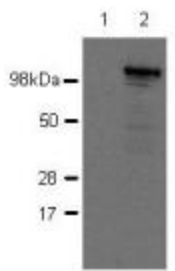
Nod2 Rat Monoclonal Antibody [Clone ID: 26mNOD2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	26mNOD2
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	nucleotide-binding oligomerization domain containing 2
Database Link:	NP_665856 Entrez Gene 257632 Mouse
Background:	The monoclonal antibody 26mNOD2 reacts with mouse NOD2. NOD2, also referred to as caspase recruitment domain-containing protein 15 (CARD 15), is a cytosolic protein of approximately 115kDa. NOD2 contains a central NOD (nucleotide oligomerization domain) that is flanked by a C-terminal leucine-rich repeat (LRR) domain and an N-terminal CARD domain. The LRR confers recognition of microbial components such as muramyl dipeptide and the CARD domain confers the ability to interact with RIP2 via homotypic interaction with the RIP2 CARD. This interaction leads to downstream activation of NF-κB. The antibody 26mNOD2 has been shown to recognize protein from transgenic and transfected cells. Expression on endogenous tissue is still under evaluation.
Synonyms:	ACUG; BLAU; CARD15; CD; CLR16.3; IBD1; NLRC2; NOD2B; PSORAS1



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Product images:

Immunoblot of HEK 293T cell control lysate (lane 1) and HEK 293T cells transfected with Mouse NOD2 (lane 2). The blots were probed with 2 ug/ml of Anti-Mouse NOD2 Purified followed by Anti-Rat HRP and visualized by chemiluminescence.