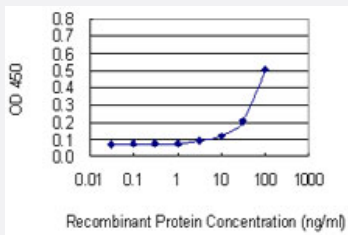


NLRP2 monoclonal antibody (M06), clone 1B10

Catalog # H00055655-M06

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NLRP2 is 3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NLRP2.
Immunogen	NLRP2 (AAH39269, 1 a.a. ~ 846 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVSSAQMGFNLQALLEQLSQDELKFKYLITTFSLAHELQKIPHKEVDKADGKQLVEVLTHCDSY WVEMASLQVFEKMRMDLSERAKDEVREAALKSFNKRKPLSLGITRKERPPLDVDEMLERFKT EAQAFTEKGNVICLGKEVFKGKKPKDKNRCRYLKTFRFMWKSWSPGDSKEVQVMAERYKMLI PFSNPRVLPGPSYTVVLYGPAGLGKTTLAQKLMLDWAEDNLIHKFYAFYLSCRELSRLGPCSF AELVFRDWPELQDDIPHILAQARKILFVIDGFDELGAAPGALIEDICGDWEKKKPVVLLGSLLNRV MLPKAALLVTTRPRALRDLRLAEEPVRVEGFLEEDRRAYFLRHFGDEDQAMRAFELMRSNAAL FQLGSAPAVCWVCTTLKLQMEKGEDPVPTCLTRTGLFLRFLCSRFPQGAQLRGALRTLSLLAAQ GLWAQTSVLHREDLERLGVQESDLRLFLDGDILRQDRVSKGCYSFIHLSFQQFLTALFYTLEKEEE EDRDGHTWDIGDVQKLLSGVERLRNPDLIQAGYYSFGLANEKRAKELEATFGCRMSPDIKQELLR CDISCKGGHSTVTDLQELLGCLYESQEEELVKEVMAQFKEISLHLNAVDDVPSSFCVKHCRNLQK MSLQVIKENLPENVTASESDAEVERSQDDQHMLPFWTDLCSIFGSNKDLMGLAINDSFLSASLVR ILCEQIASDTCHLQRVVFKNISPADAHRNLCLALRGHKTVTYTLTQGNQDDMFALCEVLRHPEC NLRYLGLVSCSATTQQWADLSLALEVNQSLTCVNLSDNELLDEGAKLLYTLRHPKCFLQRLS
Host	Mouse
Reactivity	Human

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NLRP2 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NLRP2

Entrez GeneID	55655
GeneBank Accession#	BC039269
Protein Accession#	AAH39269
Gene Name	NLRP2
Gene Alias	CLR19.9, FLJ20510, NALP2, NBS1, PAN1, PYPAF2
Gene Description	NLR family, pyrin domain containing 2
Omim ID	609364
Gene Ontology	Hyperlink
Gene Summary	NALP proteins, such as NALP2, are characterized by an N-terminal pyrin (MIM 608107) domain (PYD) and are involved in the activation of caspase-1 (CASP1; MIM 147678) by Toll-like receptors (see TLR4; MIM 603030). They may also be involved in protein complexes that activate proinflammatory caspases (Tschopp et al., 2003 [PubMed 12563287]).[supplied by OMIM]
Other Designations	NACHT, LRR and PYD containing protein 2 NACHT, leucine rich repeat and PYD containing 2 PYRIN-Containing APAF1-like nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 2

Disease

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- [Genetic Predisposition to Disease](#)
- [Hematologic Neoplasms](#)
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