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[Primary Antibody]

Recombinant Rabbit Anti-NLRP3 Monoclonal Antibody

Catalog Number: SLA1017M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	3G12
GeneID:	114548
SWISS:	Q96P20
Target:	NLRP3
Immunogen:	KLH conjugated synthetic peptide derived from human NALP3
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	118 kDa
Subcellular Location:	Cytoplasm
Background:	May function as an inducer of apoptosis. Interacts selectively with ASC and this complex may function as an upstream activator of NF-kappa-B signaling. Inhibits TNF-alpha induced activation and nuclear translocation of RELA/NF-KB p65. Also inhibits transcriptional activity of RELA. Activates caspase-1 in response to a number of triggers including bacterial or viral infection which leads to processing and release of IL1B and IL18. **Subcellular Location :** Cytoplasm.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.