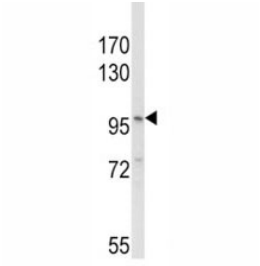
NLRP3 Antibody (F51203)

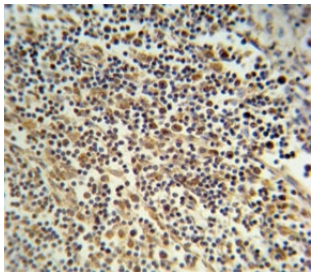
Catalog No.	Formulation	Size
F51203-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51203-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q96P20
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This NLRP3 antibody is available for research use only.



NLRP3 Antibody MDA-MB-231 WB. Western blot analysis of NLRP3 antibody and MDA-MB-231 lysate. Predicted molecular weight ~118 kDa.



NLRP3 Antibody Lymph Tissue IHC. NLRP3 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue.

Description

NLRP3 Antibody specifically detects NLRP3, a pyrin-like protein containing a pyrin domain, a nucleotide-binding site (NBS) domain, and a leucine-rich repeat (LRR) motif. This protein interacts with the apoptosis-associated speck-like protein PYCARD/ASC, which contains a caspase recruitment domain, and is a member of the NALP3 inflammasome complex. This complex functions as an upstream activator of NF-kappaB signaling, and it plays a role in the regulation of inflammation, the immune response, and apoptosis.

Explore our NLRP3 Antibody / Inflammasome Marker page for additional validation data and research applications involving innate immune signaling, inflammasome activation, cytokine maturation, and pyroptosis-associated cellular pathways.

Application Notes

Titration of the NLRP3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 65-91 from the human protein was used as the immunogen for this NLRP3 antibody.

Storage

Aliquot the NLRP3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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