

NLRP3 Monoclonal Antibody (768319)

Product Details	
Size	100 µg
Species	Human, Mouse
Expression System	Rat / IgG2a
Class	Monoclonal
Type	Antibody
Clone	768319
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant mouse NLRP3/NALP3 Met1-Arg153
Form	Lyophilized
Concentration	0.5 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2605972

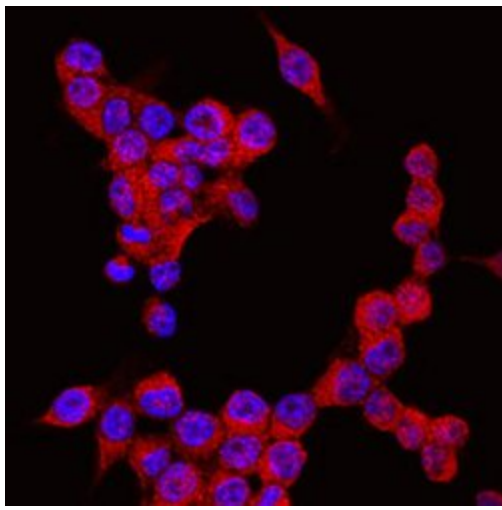
Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	2.5 µg/1x10 ⁶ cells	-
Immunocytochemistry (ICC)	8-25 µg/mL	-
Immunofluorescence (IF)	8-25 µg/mL	-
Western Blot (WB)	2 µg/mL	-

Product Specific Information

In direct ELISAs, 100% cross-reactivity with recombinant human NLRP3/NALP3 is observed.

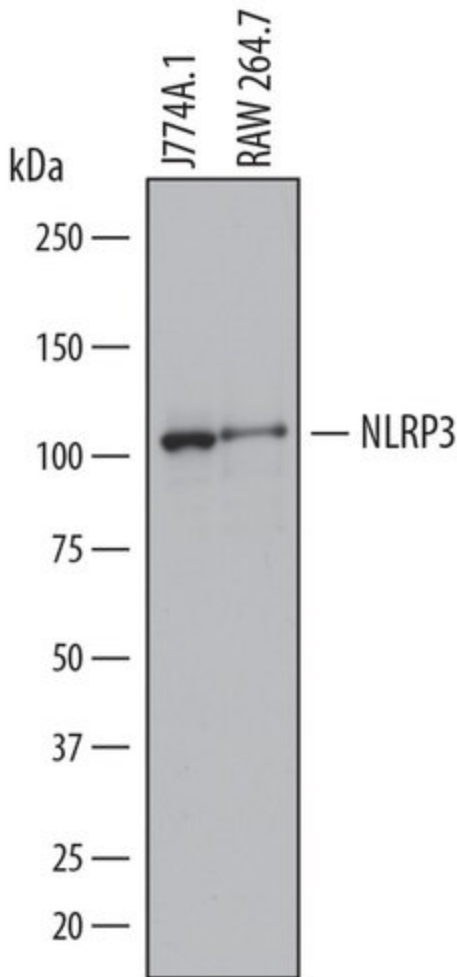
Reconstitute in sterile PBS to a final concentration of 0.5 mg/mL.

Product Images For NLRP3 Monoclonal Antibody (768319)



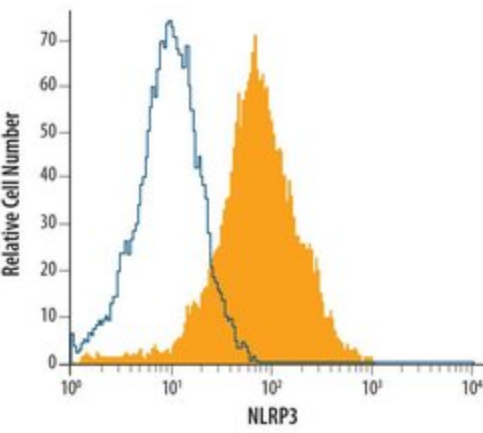
NLRP3 Antibody (MA5-23919) in ICC

Immunocytochemical analysis of NLRP3/NALP3 was detected in immersion fixed RAW 264.7 mouse monocyte/macrophage cell line using Rat Anti-human/mouse NLRP3/NALP3 Monoclonal Antibody (Product # MA5-23919) at 10 µg/mL for 3 hours at room temperature. Cells were stained using a 557-conjugated Anti-Rat IgG Secondary Antibody (re and counterstained with DAPI (blue). Specific staining was localized to cytoplasm.



NLRP3 Antibody (MA5-23919) in WB

Western blot analysis from lysates of J774A.1 mouse reticulum cell sarcoma macrophage cell line and RAW 264.7 mouse monocyte/macrophage cell line. PVDF membrane was probed with 2 µg/mL of Rat Anti-human/mouse NLRP3/NALP3 Monoclonal Antibody (Product # MA5-23919) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody. A specific band was detected for NLRP3/NALP3 at approximately 117 kDa (as indicated). This experiment was conducted under reducing conditions.



NLRP3 Antibody (MA5-23919) in Flow

Flow cytometric analysis of human peripheral blood monocytes was stained with Rat Anti-human/mouse NLRP3/NALP3 Monoclonal Antibody (Product # MA5-23919) or isotype control antibody (open histogram), followed by Allophycocyanin-conjugated Anti-Rat IgG Secondary Antibody. To facilitate intracellular staining, cells were fixed with paraformaldehyde and permeabilized with saponin.

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