

Product Datasheet

NLRP3/NALP3 Antibody (25N10E9) - BSA Free NBP2-03948SS

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-03948SS

NLRP3/NALP3 Antibody (25N10E9) - BSA Free

Product Information	
Unit Size	0.025 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	25N10E9
Preservative	0.02% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	114548
Gene Symbol	NLRP3
Species	Mouse
Specificity/Sensitivity	The epitope that 25N10E9 binds to the NOD region of NLRP3/NALP3 has not been mapped.
Immunogen	A recombinant protein corresponding to the NOD domain of murine NLRP3/NALP3 Antibody (25N10E9) (amino acids 216-385) was used as the immunogen for this antibody.
Product Application Details	
Applications	Western Blot, Simple Western
Recommended Dilutions	Western Blot 2-5 ug/ml, Simple Western 1:50
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in Bone marrow, separated by Size, antibody dilution of 1:100

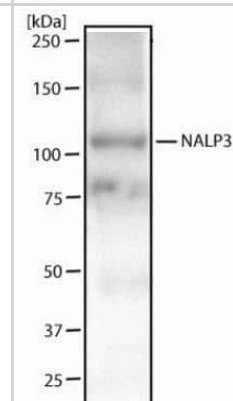


Images

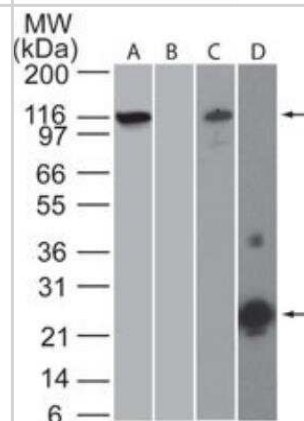
Simple Western: NLRP3/NALP3 Antibody (25N10E9) [NBP2-03948] - Simple Western lane view shows a specific band for NALP3 in 0.5 mg/ml of RAW lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Western Blot: NLRP3/NALP3 Antibody (25N10E9) [NBP2-03948] - Analysis of Raw 264 cell lysate using NLRP3/NALP3 antibody (NBP2-03948) at 2 ug/ml.



Western Blot: NLRP3/NALP3 Antibody (25N10E9) [NBP2-03948] - Analysis using the NALP3 monoclonal antibody in mouse NALP3 transfected cell lysate (A), human NALP3 transfected cell lysate (B), mouse RAW lysate (C) and the recombinant mouse NLRP3 NOD domain protein immunogen (D) probed with 2 ug/ml antibody. Goat anti-mouse IgG HRP secondary antibody and PicoTest ECL substrate solution were used for this test.



Publications

Wang X, Cheng W, Chen X et al. Inhibition of CEBPB Attenuates Lupus Nephritis via Regulating Pim-1 Signaling Mediators of Inflammation 2022-09-20 [PMID: 36248187] (Immunocytochemistry/ Immunofluorescence)

Chao YY, Puhach A, Frieser D et al. Human TH17 cells engage gasdermin E pores to release IL-1 β on NLRP3 inflammasome activation Nature immunology 2023-02-01 [PMID: 36604548] (Simple Western, Human)

Perez-Martinez PI, Rojas-Espinosa O, Hernandez-Chavez VG et al. Anti-inflammatory effect of omega unsaturated fatty acids and dialysable leucocyte extracts on collagen-induced arthritis in DBA/1 mice Int J Exp Pathol 2020-05-28 [PMID: 32459025] (IF/IHC, Mouse)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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