

Product Datasheet

S100A8 Antibody (63N13G5) - BSA Free NBP2-27067

Unit Size: 0.1 mg

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

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Publications: 5

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NBP2-27067

S100A8 Antibody (63N13G5) - BSA Free

Product Information

Unit Size	0.1 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	63N13G5
Preservative	0.05% Sodium Azide
Isotype	IgG2b Lambda
Purity	Protein G purified
Buffer	PBS

Product Description

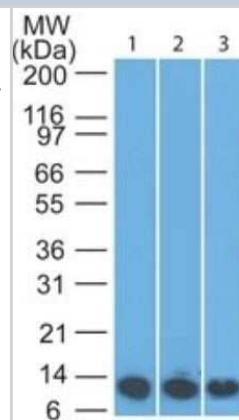
Description	Novus Biologicals Rat S100A8 Antibody (63N13G5) - BSA Free (NBP2-27067) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-S100A8 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	6279
Gene Symbol	S100A8
Species	Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: rat S100A8 (81%).
Immunogen	Within the range of amino acids 2-98 of mouse S100A8 were used as the immunogen for the antibody.

Product Application Details

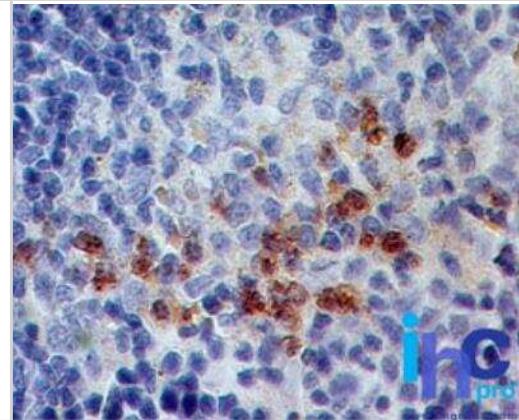
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry reported by customer review, Immunohistochemistry, Immunohistochemistry-Paraffin

Images

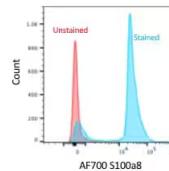
Western Blot: S100A8 Antibody (63N13G5) [NBP2-27067] - Analysis of S100A8 in 1) recombinant protein 2) mouse spleen and 3) mouse lung lysate using S100A8 antibody at 1 ug/ml. goat anti-rat Ig HRP secondary antibody



Immunohistochemistry-Paraffin: S100A8 Antibody (63N13G5) [NBP2-27067] - Formalin-fixed, paraffin-embedded mouse spleen stained with S100A8 antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen.



Mouse splenocytes were fixed and permeabilized with Foxp3 Fixation/Permeabilization kit. Next, they were incubated with Fc block for 5 mins at RT and then stained with 1:100 dilution of this antibody for 25 mins at RT. Cells were acquired on a CytoFlex LX and analyzed using FlowJo 10. Image from verified customer review



Publications

Lebratti T, Lim YS, Cofie A et al. A sustained type I IFN-neutrophil-IL-18 axis drives pathology during mucosal viral infection *eLife* 2021-05-28 [PMID: 34047696] (Flow Cytometry, Mouse)

Naler LB, Hsieh YP, Geng S Et al. Epigenomic and transcriptomic analyses reveal differences between low-grade inflammation and severe exhaustion in LPS-challenged murine monocytes *Commun Biol* 2022-01-29 [PMID: 35091696] (FLOW, Mouse)

Details:

Citation using the Alexa Fluor 647 version of this antibody.

Weigert A, Zheng X, Nenzel A et al. Fibrocytes boost tumor-supportive phenotypic switches in the lung cancer niche via the endothelin system *Nature communications* 2022-10-14 [PMID: 36241617] (FLOW, Human)

Yalcinkaya M, Liu W, Islam MN et al. Modulation of the NLRP3 inflammasome by Sars-CoV-2 Envelope protein *Scientific reports* 2021-12-24 [PMID: 34952919] (IHC-P, Mouse)

Raundhal M, Ghosh S, Myers SA et al. Blockade of IL-22 signaling reverses erythroid dysfunction in stress-induced anemias *Nat Immunol* 2021-03-23 [PMID: 33753942] (FLOW, Mouse)

Details:

Citation using the Alexa Fluor 700 format of this antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-27067

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP2-27067AF700	S100A8 Antibody (63N13G5) [Alexa Fluor® 700]
NBP1-44482	Recombinant Human S100A8 Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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