

Product Datasheet

RHAMM/CD168 Antibody - BSA Free NBP1-76538

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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NBP1-76538

RHAMM/CD168 Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	35 kDa

Product Description

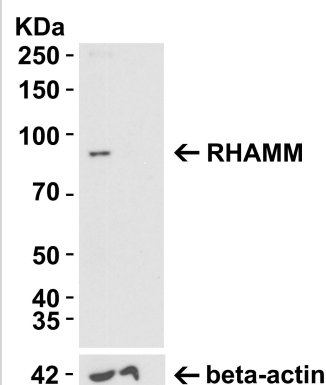
Host	Rabbit
Gene ID	3161
Gene Symbol	HMMR
Species	Human, Mouse, Rat, Porcine
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 27856308).
Immunogen	Antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human RHAMM. The immunogen is located within amino acids 80 - 130 of RHAMM. Amino Acid Sequence: ERGAQDRRIQDLETELEK

Product Application Details

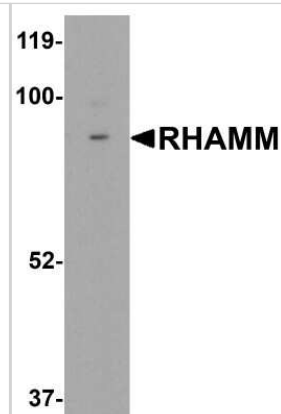
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5 ug/ml, Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 5 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml

Images

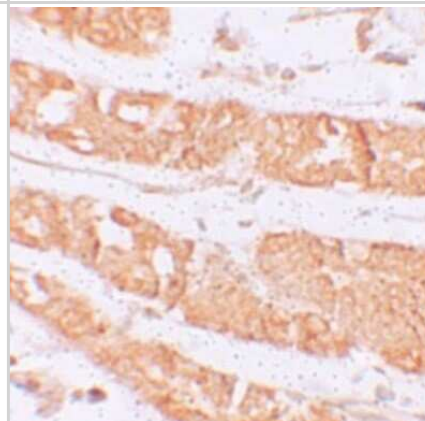
Western Blot: RHAMM/CD168 Antibody - BSA Free [NBP1-76538] - Loading: 10 µg of lysate Antibodies: RHAMM/CD168 , 1 ug/mL and beta-actin, 1ug/mL, 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



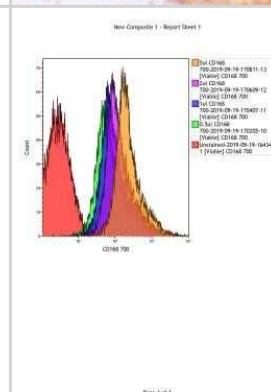
Western Blot: RHAMM/CD168 Antibody [NBP1-76538] - Analysis in rat stomach tissue lysate with antibody at 0.5 ug/mL.



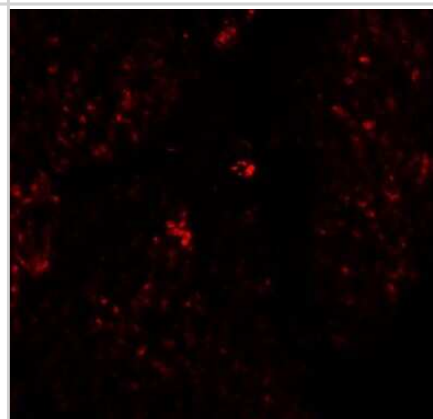
Immunohistochemistry: RHAMM/CD168 Antibody [NBP1-76538] - Human stomach tissue.



Flow Cytometry: RHAMM/CD168 Antibody [NBP1-76538] - Human megakaryocytes. 47,000 CD41+ CD42+ human iPS-derived megakaryocytes [Moreau et al., 2016] were stained for 20 min at room temperature. Cells were then washed in 500 uL PBS/BSA/EDTA and viable DAPI cells were analysed using a Galios flow cytometer. Flow cytometry image submitted by a verified customer review. Image from the Alexa Fluor 700 version of this antibody.



Immunofluorescence: RHAMM/CD168 Antibody [NBP1-76538] - Human stomach tissue with CD168 antibody at 20 ug/mL.



Publications

G. Safarians, A. Sohrabi, I. Solomon, W. Xiao, S. Bastola, B.W. Rajput, M. Epperson, I. Rosenzweig, K. Tamura, B. Singer, J. Huang, M.J. Harrison, T. Sanazzaro, M.C. Condro, H.I. Kornblum, S.K. Seidlits Glioblastoma Spheroid Invasion Through Soft, Brain-like Matrices Depends on Hyaluronic Acid-CD44 Interactions Advanced healthcare materials 2023-06-03 [PMID: 36694362]

Moyra L, Arash S, Susanne B et al. Mapping the biogenesis of forward programmed megakaryocytes from induced pluripotent stem cells Sciences Advances 2022-02-16 [PMID: 35171685] (FLOW, Human)

Krishnamurthy VK, Stout AJ, Sapp MC et al. Dysregulation of hyaluronan homeostasis during aortic valve disease. Matrix Biol. 2016-11-15 [PMID: 27856308] (IF/IHC, Porcine, Human)





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Products Related to NBP1-76538

NBP1-76538PEP	RHAMM/CD168 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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