Product Datasheet

ICAM-1/CD54 Antibody (1A29) - Azide and BSA Free NBP2-22541-0.1mg

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.



Reviews: 1 Publications: 18

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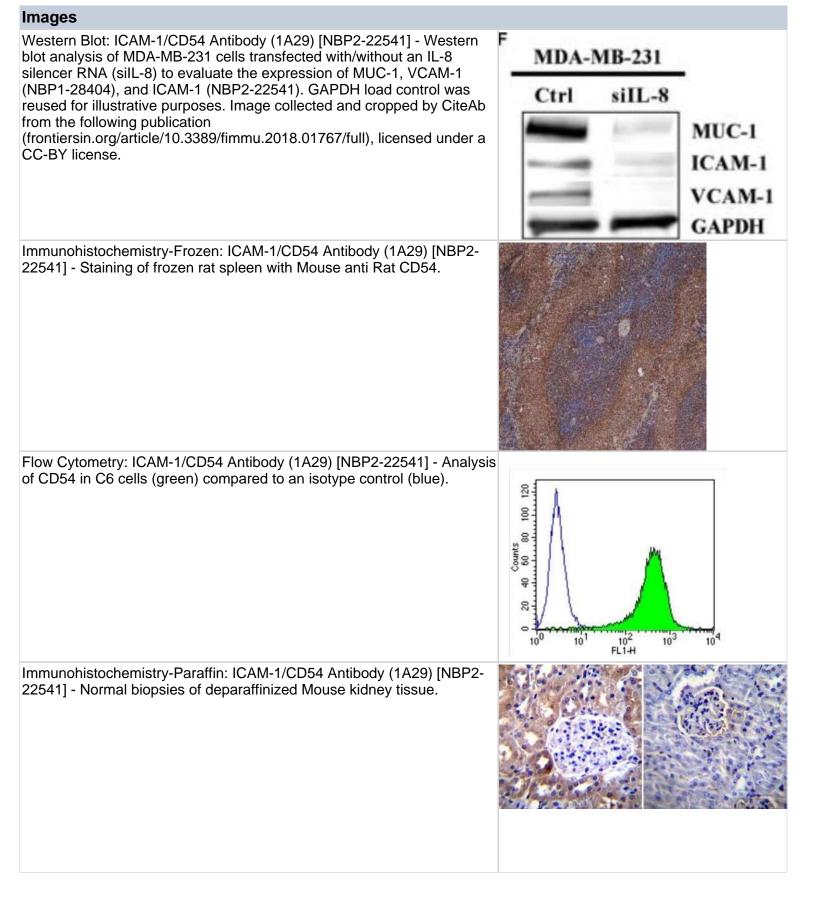
NBP2-22541-0.1mg

ICAM-1/CD54 Antibody (1A29) - Azide and BSA Free

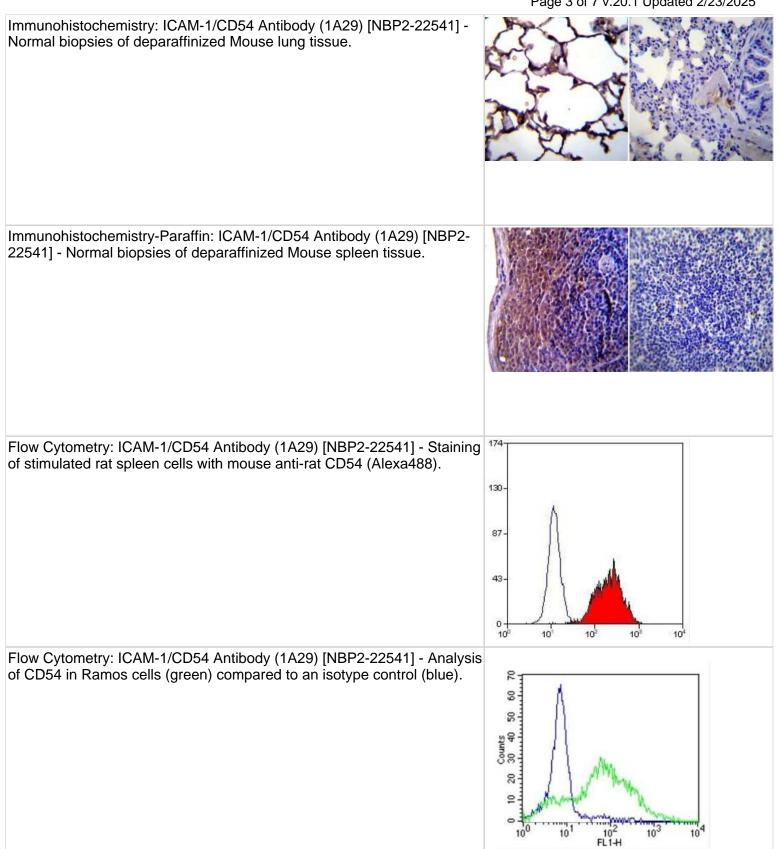
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A29
Preservative	No Preservative
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2)
Target Molecular Weight	56 kDa
Product Description	
Host	Mouse
Gene ID	3383
Gene Symbol	ICAM1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Rat lymph node stroma
Product Application Details	
Applications	Western Blot, Simple Western, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Simple Western, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry-Paraffin 1:100, Immunohistochemistry-Frozen 1:100, Proximity Ligation Assay, Electron Microscopy, Immunohistochemistry Free-Floating, Block/Neutralize
Application Notes	Use in PLA reported in scientific literature (PMID:34572594). Use in Immunohistochemistry free floating, and Electron Microscopy reported in scientific literature (PMID: 8574890).

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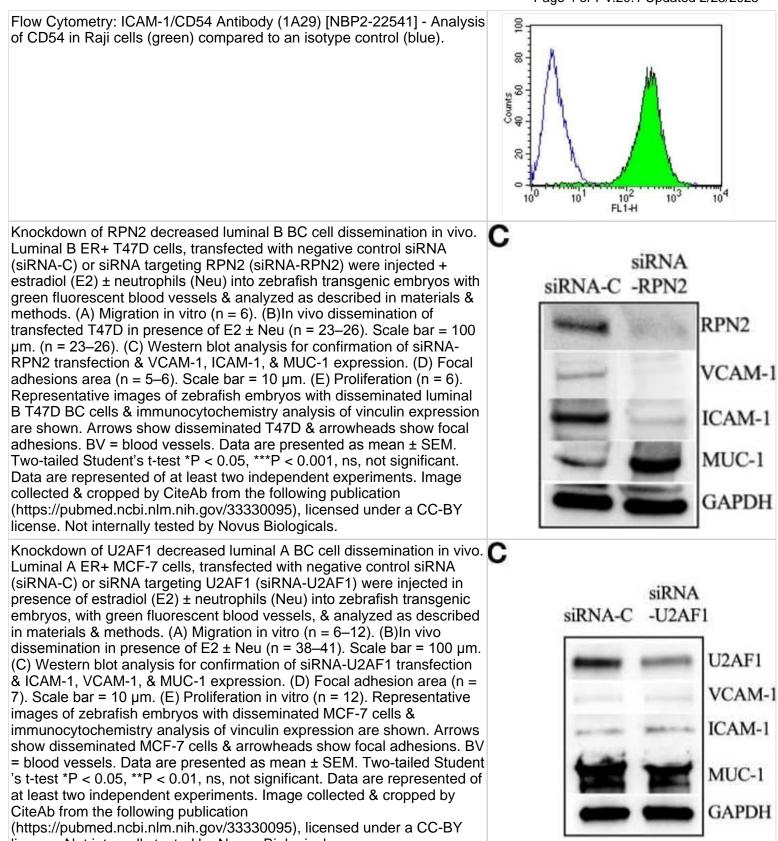






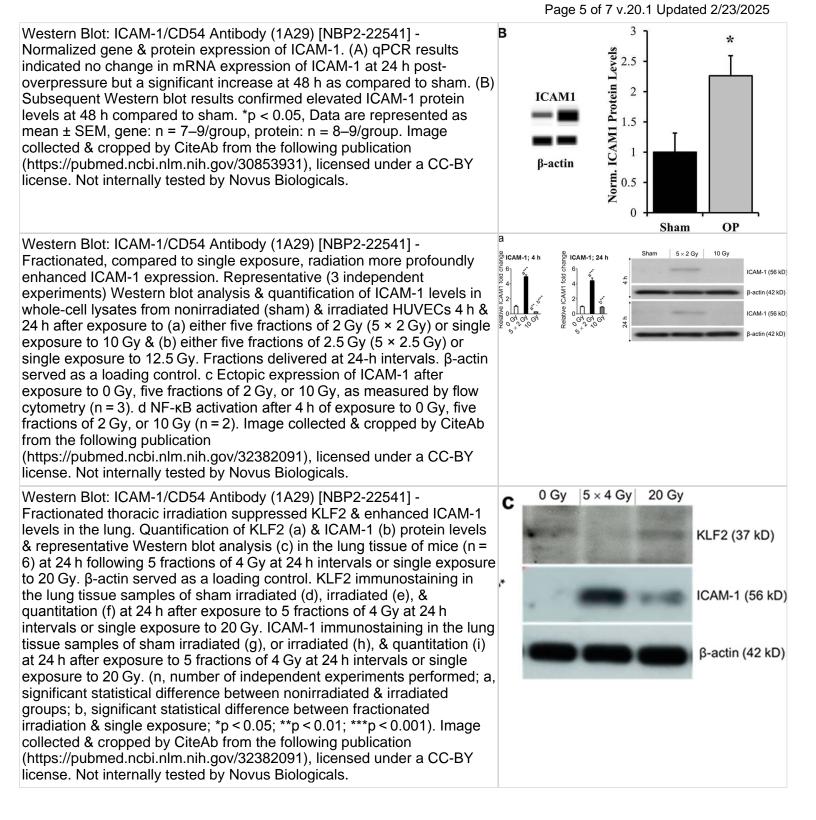






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Publications

Vac nov G, Vejra kov D, Luk ov P et al. Associations of polymorphisms in the candidate genes for Alzheimer's disease BIN1, CLU, CR1 and PICALM with gestational diabetes and impaired glucose tolerance. Molecular biology reports 2017-10-10 [PMID: 28316001]

Sulimai N, Brown J, Lominadze D. Fibrinogen Interaction with Astrocyte ICAM-1 and PrP(C) Results in the Generation of ROS and Neuronal Death International Journal of Molecular Sciences 2021-02-27 [PMID: 33673626] (Block/Neutralize)

Xu Z, Wang X, Kuang W et al. Kaempferol improves acute kidney injury via inhibition of macrophage infiltration in septic mice Bioscience Reports 2023-07-26 [PMID: 37440431] (Western Blot, Block/Neutralize)

Vazquez Rodriguez G, Abrahamsson A, Turkina MV, Dabrosin C. Lysine in Combination With Estradiol Promote Dissemination of Estrogen Receptor Positive Breast Cancer via Upregulation of U2AF1 and RPN2 Proteins Frontiers in Oncology 2020-11-30 [PMID: 33330095] (Western Blot)

Liu Q, Li C, Deng B et al. Tcf21 marks visceral adipose mesenchymal progenitors and functions as a rate-limiting factor during visceral adipose tissue development Cell reports 2023-02-28 [PMID: 36857185] (FLOW, IHC-P, Mouse)

Sulimai N, Brown J, Lominadze D The Effects of Fibrinogen's Interactions with Its Neuronal Receptors, Intercellular Adhesion Molecule-1 and Cellular Prion Protein Biomolecules 2021-09-18 [PMID: 34572594] (PLA, Mouse)

Sadhukhan R, Leung J. W. C, et al. Fractionated radiation suppresses Kruppel-like factor 2 pathway to a greater extent than by single exposure to the same total dose. Sci Rep 2020-05-07 [PMID: 32382091] (IF/IHC, Mouse)

Differentiation-related Expression of ICAM-1 by Rat Alveolar Epithelial Cells. Christensen PJ, Kim S, Simon RH et al. Am J Respir Cell Mol Biol [PMID: 8093343]

Pistorius K, Souza PR, De Matteis R et al. PDn-3 DPA Pathway Regulates Human Monocyte Differentiation and Macrophage Function Cell Chem Biol May 16 2018 12:00AM [PMID: 29805036] (Flow) Cell Chem Biol. 2018-05-24 [PMID: 29805036] (FLOW)

Details:

Citation using the Alexa Fluor 647 form of this antibody.

Hlavac N, VandeVord PJ. Astrocyte Mechano-Activation by High-Rate Overpressure Involves Alterations in Structural and Junctional Proteins Front Neurol 2019-02-22 [PMID: 30853931] (Simple Western, Rat)

Vazquez Rodriguez G, Abrahamsson A, Jensen LDE et al. Adipocytes Promote Early Steps of Breast Cancer Cell Dissemination via Interleukin-8 Front. Immunol 2018-07-30 [PMID: 30105032] (WB, Human)

Details:

This citation used the Azide and BSA Free version of this antibody.

Hu S, Liu Y, You T et al. Vascular Semaphorin 7A Upregulation by Disturbed Flow Promotes Atherosclerosis Through Endothelial B1 Integrin. Arterioscler. Thromb. Vasc. Biol. 2017-12-21 [PMID: 29269512] (Mouse)

More publications at <u>http://www.novusbio.com/NBP2-22541</u>





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Products Related to NBP2-22541-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-22541AF488	ICAM-1/CD54 Antibody (1A29) [Alexa Fluor® 488]

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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