Product Datasheet

E-Selectin/CD62E Antibody NBP1-45545-50ug

Unit Size: 50 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-45545-50ug

E-Selectin/CD62E Antibody

Product Information		
Unit Size	50 ug	
Concentration	0.5 mg/ml	
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.	
Clonality	Polyclonal	
Preservative	0.03% Proclin 300	
Isotype	IgG	
Purity	Affinity purified	
Buffer	PBS (pH 7.2), 5 mM EDTA, 0.5% BSA, 30% Glycerol	
Target Molecular Weight	67 kDa	
Product Description		
Description	This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab18981)	
Host	Rabbit	
Gene ID	6401	
Gene Symbol	SELE	
Species	Human, Mouse, Rat	
Immunogen	Synthetic peptide surrounding amino acid 584 of human E-Selectin.	
Product Application Details		
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation	
Recommended Dilutions	Western Blot 0.5-4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:10- 1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 10-20 ug/ml, Immunohistochemistry-Paraffin 10-20 ug/ml	
Images		
Simple Western: E-Selectin/CD62E Antibody [NBP1-45545] - Simple Western lane view shows a specific band for E Selectin/CD62E in 0.5		

mg/ml of Jurkat lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



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Western Blot: E-Selectin/CD62E Antibody [NBP1-45545] - Vaspin inhibits TNFalpha-induced expression of adhesion molecules. The effect of vaspin on TNFalpha-induced expression of E-Selectin/CD62E. The protein level and mRNA expression of each adhesion molecule was measured at 24 hr after treatment with 100 ng/mL vaspin in the presence or absence of 10 ng/mL TNFalpha. Data shown are representative Western blots (top panels) and mean values +/- SEM of three independent experiments (bottom panels). The fold change in mRNA expression compared to levels in untreated cells is shown. *p < 0.05 vs. untreated cells, and p < 0.05 vs. cells treated with TNFalpha alone. Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/24517399) licensed under a CC-BY license.

Immunocytochemistry/Immunofluorescence: E-Selectin/CD62E Antibody [NBP1-45545] - Analysis of E-Selectin in formaldehyde fixed, porcine cardiac tissue using anti-E-Selectin antibody. Image from verified customer review.



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Immunohistochemistry-Paraffin: E-Selectin/CD62E Antibody [NBP1-45545] - Formalin fixed, paraffin-embedded tissue after heat induced antigen retrieval. 5 ug/ml of antibody used for staining. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.



Western Blot: E-Selectin/CD62E Antibody [NBP1-45545] - Jurkat cell lysate (80 ug) loaded Blocking/Dilution buffer: 5% NFDM (1 hr at RT) / TBST E-Selectin Polyclonal Antibody used at 1:1000 dilution - O/N at 4 degrees C. Goat Anti-Rabbit IgG peroxidase conjugated used at 1:10,000 dilution - 1 hr at RT

70 kDa	
55 kDa	-

35 kDa.







Publications

Fernández-Guarino M, Stewart V, Fernández-Nieto D et al. Generalized Rash in Severe Hospitalized COVID Patients: Correlation between Histological Examination, Drug Intake, Blood Interleukins Profileand Long-Term Follow-Up preprints.org 2023-09-25 (IHC-P, Human)

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] (B/N)

Mastrogiacomo L, Werstuck GH Investigating the Role of Endothelial Glycogen Synthase Kinase3?/? in Atherogenesis in Low Density Lipoprotein Receptor Knockout Mice International journal of molecular sciences 2022-11-26 [PMID: 36499109] (IHC, Mouse)

Details:

Dilutions: 1:50

S. Kara, M. Akbaba, S. Kul, K. Bakır Is it possible to make early wound age estimation by immunohistochemical methods? Rom J Leg Med 2016-01-01 (IF/IHC, Mouse)

Fu X, Zhai S, Yuan J. Endothelial HuR deletion reduces the expression of proatherogenic molecules and attenuates atherosclerosis. Int. Immunopharmacol. 2018-10-16 [PMID: 30340104] (WB, Mouse)

kwon TR, kim JH, Hong JY et al. Irradiation with 310 nm and 340 nm ultraviolet light-emitting-diodes can improve atopic dermatitis-like skin lesions in NC/Nga mice. Photochem. Photobiol. Sci. 2018-07-18 [PMID: 30019049] (IHC-P, Mouse)

Green JP, Souilhol C, Xanthis I et al. Atheroprone flow activates inflammation via endothelial ATP-dependent P2X7p38 signalling Cardiovasc. Res. 2017-11-06 [PMID: 29126223] (ICC/IF, Mouse)

Oh CT, Kwon TR, Seok J et al. Effect of a 308-nm excimer laser on atopic dermatitis-like skin lesions in NC/Nga mice. Lasers Surg Med. 2016-04-13 [PMID: 27075746] (IHC-P, Mouse)

Jung Chang Hee, Lee Min Jung, Kang Yu Mi et al. Vaspin inhibits cytokine-induced nuclear factor-kappa B activation and adhesion molecule expression via AMP-activated protein kinase activation in vascular endothelial cells. Cardiovasc Diabetol. 2014-02-12 [PMID: 24517399] (WB, Human)

Kwon TR, Mun SK, Oh CT et al. Therapeutic Effects of Full Spectrum Light on the Development of Atopic Dermatitislike Lesions in NC/Nga Mice. Photochem. Photobiol. 2014-04-28 [PMID: 24773136] (WB, IHC-P, Mouse)





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@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

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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