Product Datasheet

CD9 Antibody (MEM-61) - BSA Free
NB500-327

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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Reviews: 1 Publications: 16

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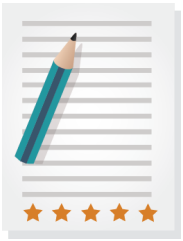
Updated 10/23/2024 v.20.1



NB500-327

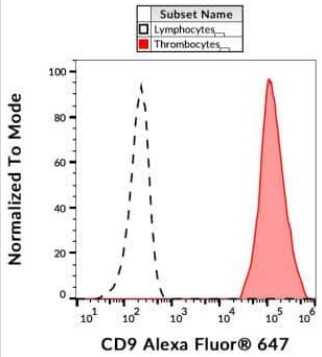
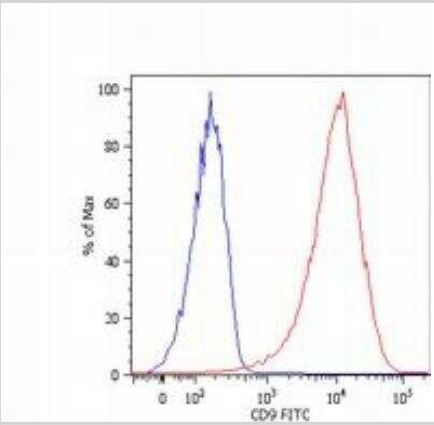
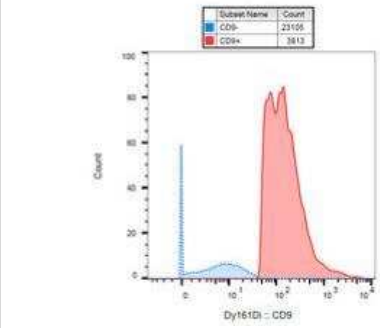
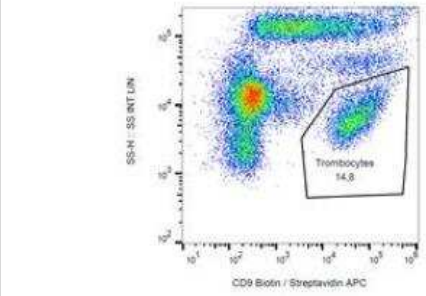
CD9 Antibody (MEM-61) - BSA Free

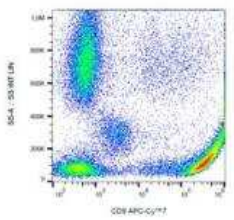
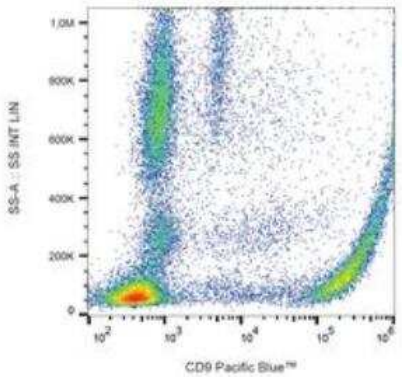
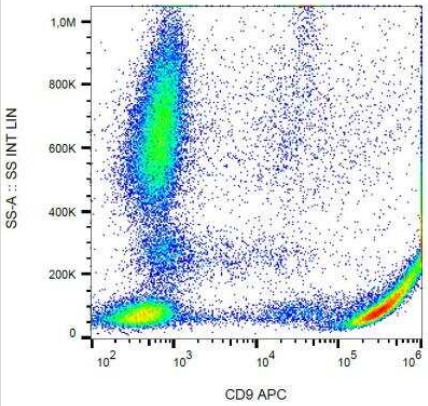
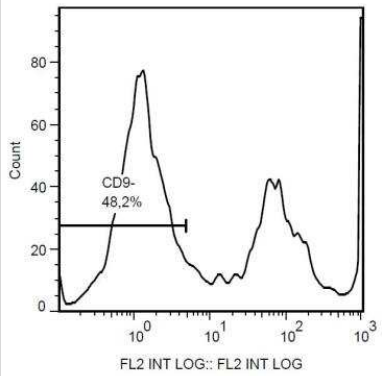
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-61
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	24 kDa

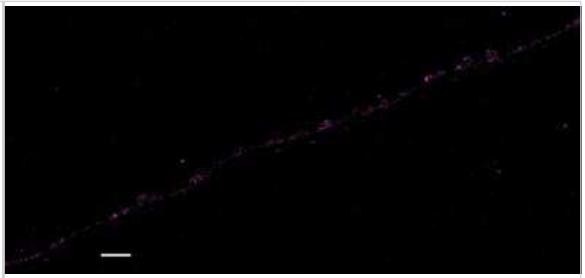
Product Description	
Host	Mouse
Gene ID	928
Gene Symbol	CD9
Species	Human
Specificity/Sensitivity	The antibody MEM-61 recognizes an epitope on second extracellular domain (EC2) of CD9 antigen, a 24 kDa transmembrane protein expressed on platelets, monocytes, pre-B lymphocytes, granulocytes and activated T lymphocytes. HLDA VI; WS Code P P-15
Immunogen	Pre-B cell line NALM-6

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, In vitro assay, CyTOF-ready
Recommended Dilutions	Western Blot 2-4 ug/ml, Flow Cytometry 1-4 ug/ml, ELISA, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 20 ug/ml, In vitro assay, CyTOF-ready
Application Notes	Western Blot -The antibody MEM-61 induces FcR-dependent platelet aggregation. This antibody is CyTOF ready.Use in In vitro reported in scientific literature (PMID: 28823976). Use in ELISA reported in secitific publication PMID: 32393780. Clone MEM-61 has been used for extracellular vesicle flow cytometry.

Images

Flow Cytometry: CD9 Antibody (MEM-61) [NB500-327] - Staining of human peripheral blood with anti-CD9 (MEM-61) Alexa Fluor® 647.	
Flow Cytometry: CD9 Antibody (MEM-61) [NB500-327] - Surface staining of NALM-6 human pre-B cell leukemia cell line Total viable cells were used for analysis.	
Flow Cytometry: CD9 Antibody (MEM-61) [NB500-327] - Surface staining (mass cytometry) of PBMC after Ficoll-Paque separation with anti-human CD9 (MEM-61) Dy161.	
Flow Cytometry: CD9 Antibody (MEM-61) [NB500-327] - Surface staining of human peripheral blood with anti-CD9 (MEM-61) biotin / streptavidin-APC.	

Flow Cytometry: CD9 Antibody (MEM-61) [NB500-327] - Surface staining of human peripheral blood with anti-CD9 (MEM-61) APC-CyTM7.	
Flow Cytometry: CD9 Antibody (MEM-61) [NB500-327] - Surface staining of human peripheral blood with anti-CD9 (MEM-61) Pacific BlueTM.	
Flow Cytometry: CD9 Antibody (MEM-61) [NB500-327] - Staining of human peripheral blood with anti-CD9 (MEM-61) APC.	
Flow Cytometry: CD9 Antibody (MEM-61) [NB500-327] - Staining of human peripheral blood with anti-CD9 (MEM-61) PE.	

CyTOF-ready: CD9 Antibody (MEM-61) [NB500-327] - Analysis of CD9 antibody on human tissue. Scale, 50um. Image from verified customer review.	

Publications

Han C, Kang M, Kang H et al. Characterization of extracellular vesicle and virus-like particles by single vesicle tetraspanin analysis Sensors and Actuators B: Chemical 2023-05-01 [PMID: 30236130] (ICC/IF, Human)

Koel M, KrjutSkov K, Saare M Et al. Human endometrial cell-type-specific RNA sequencing provides new insights into the embryo-endometrium interplay Hum Reprod Open 2022-11-07 [PMID: 36339249] (FLOW, Human)

Details:
Citation using the FITC version of this antibody.

Radnaa E, Richardson L, Goldman B Et al. Stress signaler p38 mitogen-activated kinase activation: a cause for concern? Clin Sci (Lond) 2022-10-17 [PMID: 36250628] (CyTOF-ready, Human)

Details:
Citation using the Azide and BSA Free version of this antibody.

Sahu SS, Cavallaro S, HAAg P et al. Exploiting Electrostatic Interaction for Highly Sensitive Detection of Tumor-Derived Extracellular Vesicles by an Electrokinetic Sensor ACS Appl Mater Interfaces 2021-09-15 [PMID: 34473477]

Details:
Citation using the Biotin format of this antibody.

Irmscher S, Zipfel SLH, Halder LD Et al. Factor H-related protein 1 (FHR-1) is associated with atherosclerotic cardiovascular disease Scientific reports 2021-11-18 [PMID: 34795372]

Han C, Kang H, Yi J et al. Single-vesicle imaging and co-localization analysis for tetraspanin profiling of individual extracellular vesicles Extracell Vesicles 2021-01-10 [PMID: 33456726]

Zhou J, Wu Z, Hu J et al High-throughput single-EV liquid biopsy: Rapid, simultaneous, and multiplexed detection of nucleic acids, proteins, and their combinations Sci Adv 2020-11-21 [PMID: 33219024] (Human)

Details:
Citation using the Alexa Fluor 488 version of this antibody.

Halder LD, Jo EAH, Hasan MZ et al. Immune modulation by complement receptor 3-dependent human monocyte TGF-beta 1-transporting vesicles Nat Commun 2020-05-11 [PMID: 32393780] (ELISA, Human)

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Sun D, Hu TY. A low cost mobile phone dark-field microscope for nanoparticle-based quantitative studies. Biosens Bioelectron. 2018-01-15 [PMID: 28823976] (In vitro)

Details:
This citation used the Biotin form of this antibody.

Krjutskov K, Katayama S, Saare M et al. Single-cell transcriptome analysis of endometrial tissue. Hum. Reprod. 2016-02-13 [PMID: 26874359] (FLOW, Human)

Details:
This citation used the FITC version of this antibody.

Saare M, Rekker K, Laisk-Podar T et al. High-Throughput Sequencing Approach Uncovers the miRnome of Peritoneal Endometriotic Lesions and Adjacent Healthy Tissues PLoS OnE 2014-11-12 [PMID: 25386850] (FLOW, Human)

Details:
This citation used the FITC version of this antibody.

More publications at http://www.novusbio.com/NB500-327

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Products Related to NB500-327

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NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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