

Product Datasheet

CEACAM6/CD66c Antibody (1H7-4B) - BSA Free NBP2-54626

Unit Size: 0.1 mg

Store at 4C in the dark.

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NBP2-54626

CEACAM6/CD66c Antibody (1H7-4B) - BSA Free

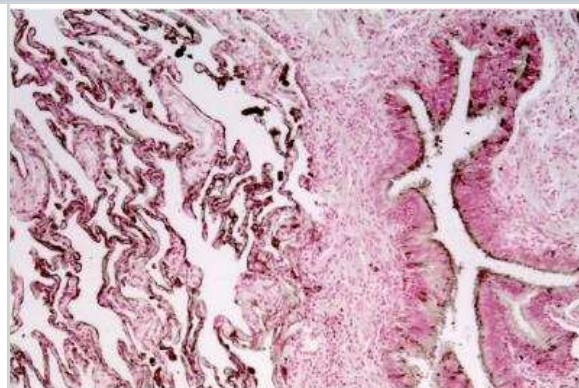
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	1H7-4B
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	90 kDa

Product Description	
Description	Novus Biologicals Mouse CEACAM6/CD66c Antibody (1H7-4B) - BSA Free (NBP2-54626) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-CEACAM6/CD66c Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4680
Gene Symbol	CEACAM6
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:32031201).
Specificity/Sensitivity	Clone 1H7-4B does not cross-react with human CEACAM1/3/4/5/7/8, rat CECAM1, or mouse CEACAM1/2.
Immunogen	Recombinant human CEACAM6/CD66c extracellular domain.

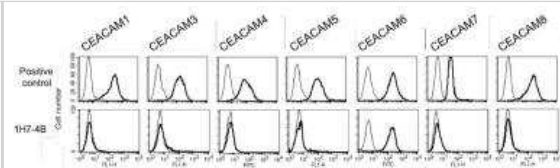
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1 - 1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:100 - 1:500, CyTOF-ready
Application Notes	This antibody is CyTOF ready.

Images

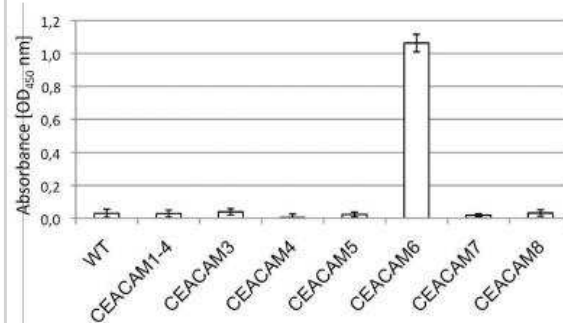
Immunohistochemistry: CEACAM-6/CD66c Antibody (1H7-4B) [NBP2-54626] - Analysis in human lung: Using Anti-CEACAM6 [1H7-4B] (10 ug/ml) developed with DAB-staining procedure. Dark line indicated shows CEACAM6 expression.



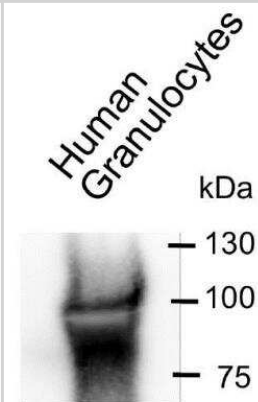
Flow Cytometry: CEACAM-6/CD66c Antibody (1H7-4B) [NBP2-54626] - Binding of 10 ug/ml primary positive control mAb (upper panel), Anti-CEACAM6 [1H7-4B] (lower panel), negative isotype matched control mAb (thin line) on different CHO-human CEACAM transfected cells (the CEACAM family member expressed is stated above).



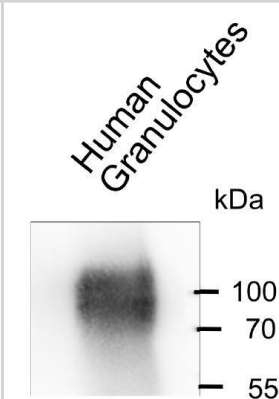
ELISA: CEACAM-6/CD66c Antibody (1H7-4B) [NBP2-54626] - Solid phase was coated with 3 ug/ml Anti-CEA binding human CEACAM1-CEACAM8. After washing, blocking and coating human CEACAM1 antigen, detecting antibody Anti-CEACAM6 [1H7-4B] (10 ug/ml) followed by HRP-coupled goat anti-mouse Ig was added. TMB was used for visualizing the binding measured by Tecan-ELISA reader at 450 nm.



Immunoprecipitation: CEACAM-6/CD66c Antibody (1H7-4B) [NBP2-54626] - Human granulocyte lysate: Utilizing 10 ug/ml Anti-CEACAM6 [1H7-4B]. Detection of the sample using 5 ug/ml pAb Anti-CEA followed by HRP-coupled secondary pAb. Visualized by Chemiluminescence detection.



Western Blot: CEACAM-6/CD66c Antibody (1H7-4B) [NBP2-54626] - Detection using 10 µg/ml NBP2-54626 followed by HRP-coupled secondary antibody. Visualized by Chemiluminescence detection.



Publications

Zou J, Chen S, Li Y et al. Nanoparticles modified by triple single chain antibodies for MRI examination and targeted therapy in pancreatic cancer *Nanoscale* 2020-02-07 [PMID: 32031201] (Mouse)



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Products Related to NBP2-54626

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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