

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

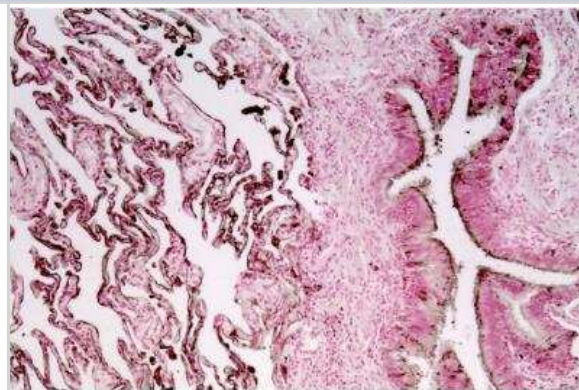
Host	Mouse
Gene ID	4680
Gene Symbol	CEACAM6
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:32031201).
Specificity/Sensitivity	Clone 1H7-4B does not cross-react with human CEACAM1/3/4/5/7/8, rat CECAM1, or mouse CEACAM1/2.
Immunogen	Recombinant human CEACAM6/CD66c extracellular domain.

Product Application Details

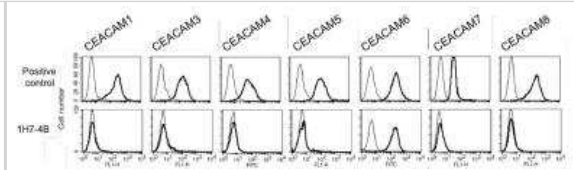
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1 - 1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:100 - 1:500, CyTOF-ready
Application Notes	This antibody is CyTOF ready.

Images

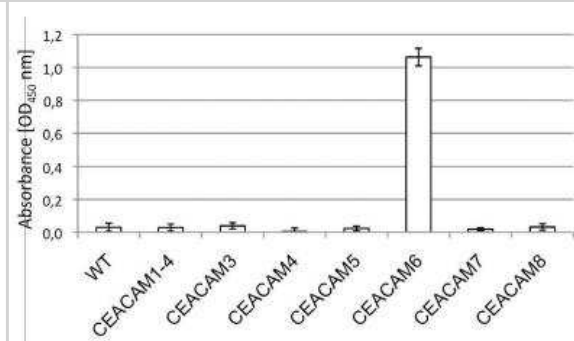
Immunohistochemistry: CEACAM-6/CD66c Antibody (1H7-4B) [NBP2-54626] - Analysis in human lung: Using Anti-CEACAM6 [1H7-4B] (10 ug/ml) developed with DAB-staining procedure. Dark line indicated shows CEACAM6 expression.



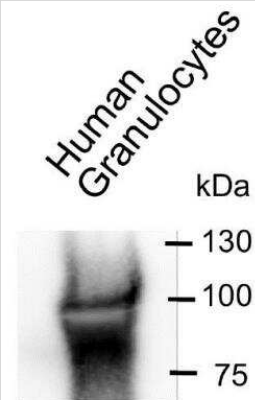
Flow Cytometry: CEACAM-6/CD66c Antibody (1H7-4B) [NBP2-54626] - Binding of 10 ug/ml primary positive control mAb (upper panel), Anti-CEACAM6 [1H7-4B] (lower panel), negative isotype matched control mAb (thin line) on different CHO-human CEACAM transfected cells (the CEACAM family member expressed is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



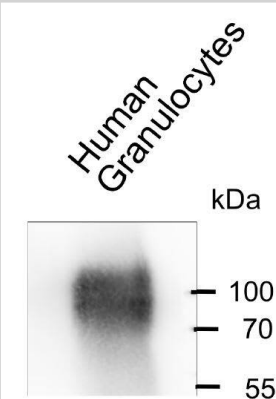
ELISA: CEACAM-6/CD66c Antibody (1H7-4B) [NBP2-54626] - Solid phase was coated with 3 ug/ml Anti-CEA binding human CEACAM1-CEACAM8. After washing, blocking and coating human CEACAM1 antigen, detecting antibody Anti-CEACAM6 [1H7-4B] (10 ug/ml) followed by HRP-coupled goat anti-mouse Ig was added. TMB was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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

Limitations

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