

Product Datasheet

CEACAM/CD66 Antibody (COL-1) - Azide and BSA Free NBP2-33306

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-33306

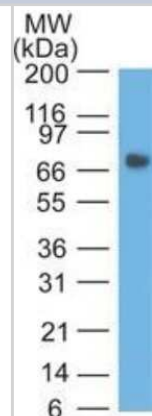
CEACAM/CD66 Antibody (COL-1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	COL-1
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	10 mM PBS
Product Description	
Host	Mouse
Gene ID	634
Gene Symbol	CEACAM1
Species	Human
Specificity/Sensitivity	This antibody recognizes proteins of 80-200kDa, identified as different members of CEACAM family. This MAb does not react with nonspecific cross-reacting antigen (NCA) and with human polymorphonuclear leucocytes. It shows no reaction with a variety of normal tissues and is suitable for staining of formalin/paraffin tissues. CEACAM is not found in benign glands, stroma, or malignant prostatic cells
Immunogen	Colon carcinoma cell extract was used as the immunogen for the CEACAM1 antibody.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 0.5-1ug/ml, Flow Cytometry 0.5-1ug/million cells, ELISA 1-5ug/ml for coating, Immunohistochemistry 0.5-1ug/ml, Immunocytochemistry/ Immunofluorescence 1-2ug/ml, Immunoprecipitation 0.5-1ug/500ug protein lysate, Immunohistochemistry-Paraffin 0.5-1ug/ml, Immunohistochemistry-Frozen 0.5-1ug/ml, Flow (Intracellular), CyTOF-ready

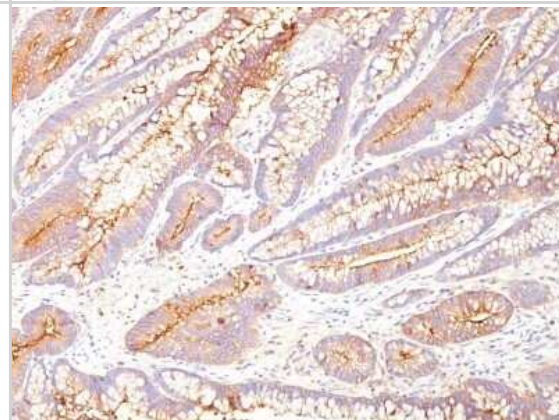


Images

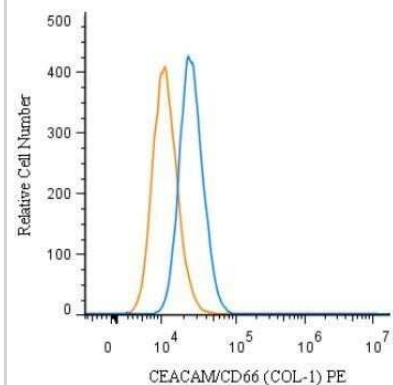
Western Blot: CEACAM/CD66 Antibody (COL-1) - Azide and BSA Free [NBP2-33306] - Analysis of CEA in human stomach lysate using CEA antibody at 2 ug/ml.



Immunohistochemistry-Paraffin: CEACAM/CD66 Antibody (COL-1) - Azide and BSA Free [NBP2-33306] - Staining of colon cancer.

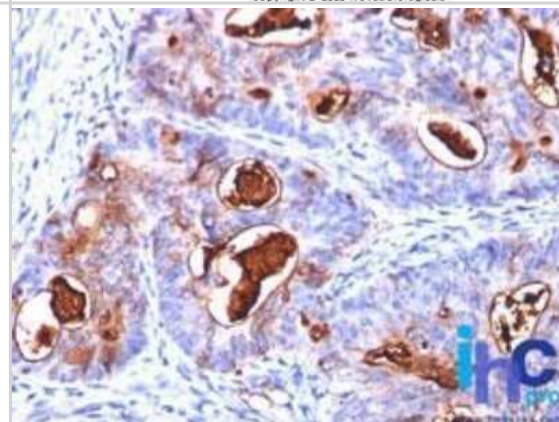


Flow (Intracellular): CEACAM/CD66 Antibody (COL-1) - Azide and BSA Free [NBP2-33306] - An intracellular stain was performed on A549 cells with CEACAM/CD66 Antibody (COL-1) NBP2-33306PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to phycoerythrin. Image using the Azide and BSA Free format of this antibody.

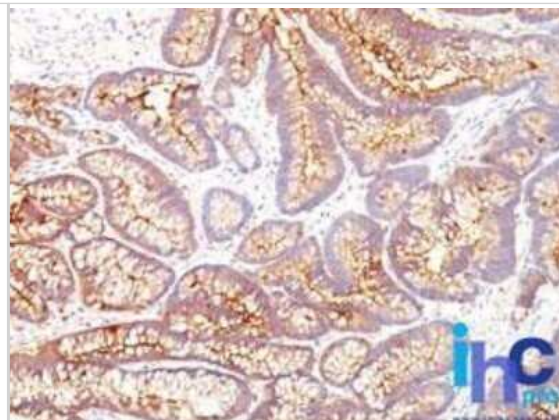


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Immunohistochemistry-Paraffin: CEACAM/CD66 Antibody (COL-1) - Azide and BSA Free [NBP2-33306] - Formalin-fixed, paraffin-embedded human colon cancer stained with CEA COL-1 antibody at 1:200 using peroxidase-conjugate and DAB chromogen.



Immunohistochemistry-Paraffin: CEACAM/CD66 Antibody (COL-1) - Azide and BSA Free [NBP2-33306] - Formalin-fixed, paraffin-embedded normal human colon stained with CEA COL-1 antibody at 1:200 using peroxidase-conjugate and DAB chromogen.





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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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