

# Product Datasheet

## CEACAM5/CD66e Antibody (SPM506) - IHC-Prediluted NBP2-48050

Unit Size: 7 ml

Store at 4C.

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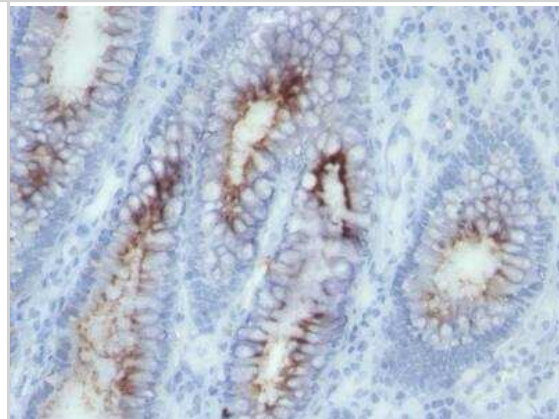
**NBP2-48050**

CEACAM5/CD66e Antibody (SPM506) - IHC-Prediluted

<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SPM506
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	1048
<b>Gene Symbol</b>	CEACAM5
<b>Species</b>	Human, Monkey
<b>Specificity/Sensitivity</b>	This antibody recognizes proteins of 80-200kDa, identified as different members of CEA family. CEA is synthesized during development in the fetal gut and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. This monoclonal antibody 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. CEA is not found in benign glands, stroma, or malignant prostatic cells. Antibody to CEA is useful in detecting early foci of gastric carcinoma and in distinguishing pulmonary adenocarcinomas (60-70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+). Anti-CEA positivity is seen in adenocarcinomas from the lung, colon, stomach, esophagus, pancreas, gallbladder, urachus, salivary gland, ovary, and endocervix.
<b>Immunogen</b>	Human colon carcinoma extract (Uniprot: P06731)
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

Immunohistochemistry-Paraffin: CEACAM5/CD66e Antibody (SPM506) - IHC-Prediluted [NBP2-48050] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CEA Monoclonal Antibody (SPM506)





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### **Products Related to NBP2-48050**

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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)
NBP1-85742PEP	CEACAM5/CD66e Recombinant Protein Antigen

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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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