

Recombinant CEACAM6 / CD66c / CEA (Pancreatic Adenocarcinoma Biomarker) Antibody

Rabbit Monoclonal Antibody [Clone CEACAM6/10079R]

| Catalog No | Format | Size |
|-----------------|---|--------|
| 4680-RBM5-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 4680-RBM5-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 4680-RBM5-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

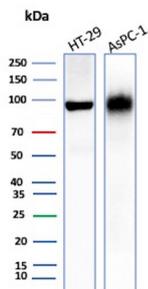
| Applications | Tested Dillution | Note |
|----------------------------|------------------|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

Product Details

| | |
|-------------------------------|---|
| Clone | CEACAM6/10079R |
| Gene Name | CEACAM6 |
| Immunogen | Recombinant CEACAM6 protein |
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype / Light Chain | IgG / Kappa |
| Mol. Weight of Antigen | 90kDa |
| Cellular Localization | Apical cell membrane, Cell membrane, Cell surface |
| Species Reactivity | Human |
| Positive Control | Human appendix, colon or pancreatic cancer. HT-29 or AsPC-1 |

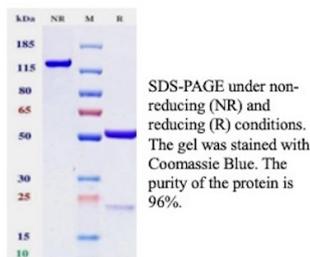
*Optimal dilution for a specific application should be determined.

Product Images for Recombinant CEACAM6 / CD66c / CEA (Pancreatic Adenocarcinoma Biomarker) Antibody

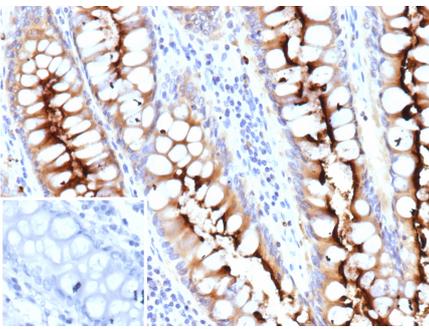


Western Blot Analysis of HT-29 and AsPC-1 cell lysates using CEACAM6 Recombinant Rabbit Monoclonal Antibody (CEACAM6/10079R).

Purity: SDS-PAGE



SDS-PAGE Analysis of Purified CEACAM6 Recombinant Rabbit Monoclonal Antibody (CEACAM6/10079R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human colon carcinoma stained with CEACAM6 / CD66c Recombinant Rabbit Monoclonal Antibody (CEACAM6/10079R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

The CD66 (also designated carcinoembryonic antigen, CEA, biliary glycoprotein I, BGP-1, CEACAM) immunoglobulin superfamily of genes encode cell adhesion proteins, which are expressed at higher levels in tumorous tissues than in normal tissues. CD66 mRNA is strongly expressed in primary colon tumors and, to a lesser extent, in normal colonic tissue. The human CD66 gene family is a diverse set of glycoproteins of epithelial and hematopoietic lineage that comprises 29 genes, which map to chromosome position 19q13.1-q13.2. CD66A, CD66B, CD66C, CD66D, CD66E and CD66F are the best characterized CD66 antigens, and CD66A-D expression upregulates on the surface of granulocytes upon stimulation. Certain CD66 isoforms mediate homotypic and heterotypic intercellular adhesion events independently of cell type.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Angiogenesis, Breast Cancer, Cancer, Colorectal Cancer, Cytokine Signaling, Dendritic Cell Marker, Epigenetics, Immunology, Infectious Disease, MAPK Signaling, Mast Cell Marker, Pancreatic Cancer