



# CEAM6 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-06778                                                                                                                                                                                                                                     |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                             |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                        |
| <b>Gene Name</b>                   | CEACAM6 NCA                                                                                                                                                                                                                                     |
| <b>Immunogen</b>                   | Synthesized peptide derived from part region of human protein AA range: 100-150                                                                                                                                                                 |
| <b>Specificity</b>                 | CEAM6 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                 |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                  |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                          |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                           |
| <b>Dilution</b>                    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                         |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                            |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                    |
| <b>Synonyms</b>                    | CEACAM6;Carcinoembryonic antigen-related cell adhesion molecule 6;CD66c; CEAL;NCA;CEACAM6 NCA;Carcinoembryonic antigen-related cell adhesion molecule 6 (Non-specific crossreacting antigen) (Normal cross-reacting antigen) (CD antigen CD66c) |
| <b>Observed Band</b>               | 37kD                                                                                                                                                                                                                                            |
| <b>Calculated Molecular Weight</b> | 37kD                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>                | Cell membrane; Lipid-anchor, GPI-anchor . Apical cell membrane . Cell surface . Localized to the apical glycocalyx surface. .                                                                                                                   |
| <b>Tissue Specificity</b>          | Expressed in neutrophils (PubMed:1378450). Expressed in columnar epithelial and goblet cells of the colon (PubMed:10436421). Expressed in numerous tumor cell lines (at protein level) (PubMed:16204051).                                       |
| <b>Function</b>                    | similarity:Belongs to the immunoglobulin superfamily. CEA family., similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain., similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,                                    |
| <b>Background</b>                  | This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and       |



are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19. [provided by RefSeq, Apr 2014],

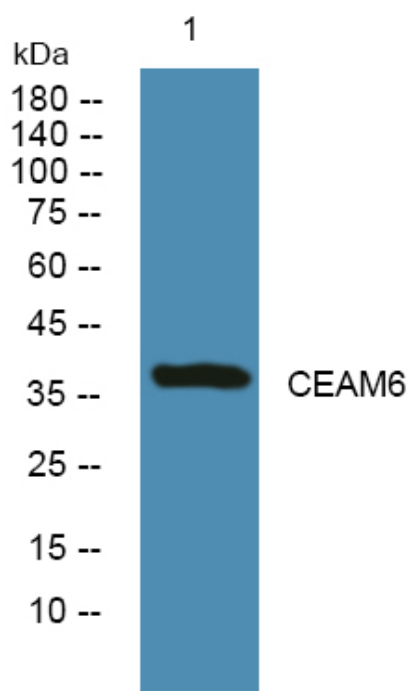
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night