

## Product datasheet for **TA809254M**

### CEACAM6 Mouse Monoclonal Antibody [Clone ID: OTI5A10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5A10
Applications:	IHC
Recommended Dilution:	IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 35-257 of human CEACAM6(NP_002474) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	carcinoembryonic antigen related cell adhesion molecule 6
Database Link:	<a href="#">NP_002474</a> <a href="#">Entrez Gene 4680 Human</a> <a href="#">P40199</a>



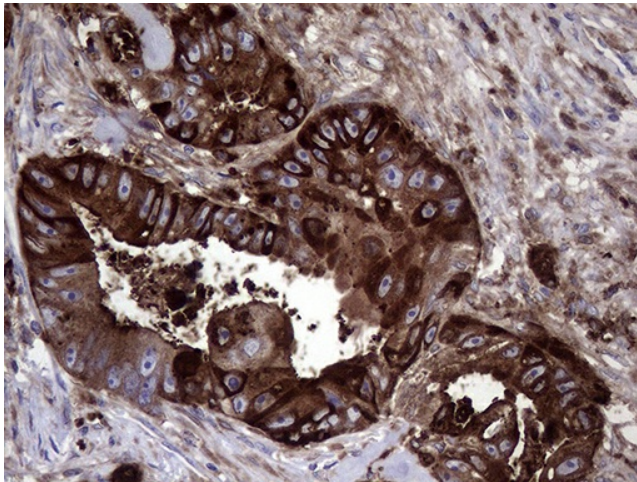
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**Background:**

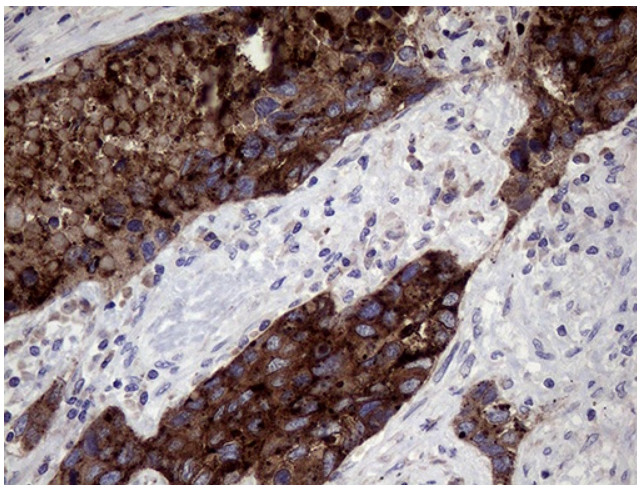
This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations 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]

**Synonyms:**

CD66c; CEAL; NCA

**Product images:**


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-CEACAM6 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CEACAM6 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.