

## Product datasheet for **AM01079PU-T**

### CEACAM5 Mouse Monoclonal Antibody [Clone ID: CB30]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CB30
Applications:	FC, IHC, IP
Recommended Dilution:	<u>Flow Cytometry.</u> <u>Immunohistochemistry on frozen sections.</u> <u>Immunohistochemistry on paraffin sections:</u> 1/100 - 1/200; This product requires protein digestion pre-treatment of paraffin sections e.g. pepsin. <i>Histology Positive Control Tissue.</i> Adenocarcinoma of colon. <u>Immunoprecipitation.</u>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human carcinoembryonic antigen.
Specificity:	This antibody recognises CD66e, also known as carcinoembryonic antigen (CEA).
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein A chromatography (>95% by SDS PAGE)
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	carcinoembryonic antigen related cell adhesion molecule 5
Database Link:	<u><a href="#">Entrez Gene 1048 Human P06731</a></u>



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**Background:** CD66e is a member of the immunoglobulin supergene family that is mainly expressed on epithelial cells. CD66e may play a role in cancer cells metastasis, and has been used clinically as a tumor marker for early detection of disease.

**Synonyms:** CEA, Carcinoembryonic antigen