

Product datasheet for AP08117PU-S

CEACAM5 Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

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Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry for formalin-Fixed Paraffin Embedded (FFPE) Tissue Sections and Frozen Sections: Dilute 1/100-1/200 using polymer or streptavidin ~biotin system for 30 mins at room temperature. Positive control: Human colon cancer.
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	Human CEA purified from colon carcinoma.
Specificity:	This antibody recognizes CEA in several tumor tissues. Cellular localization: Luminal membrane and Cytoplasmic.
Formulation:	10 mM PO4, 150 mM NaCl, pH 7.4 containing 0.05% Sodium Azide as preservative. State: lg Fraction State: Total lg fraction.
Concentration:	lot specific
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>Entrez Gene 1048 Human</u> <u>P06731</u>
Background:	CEA is highly glycosylated 180 kDa glycoprotein involved in cell adhesion. It is normally produced during fetal development and then re expressed in increased amounts in colorectal, gastric, pancreatic, lung and breast carcinomas. CEA measurement is mainly used as tumor marker to identify recurrence after surgical resection.



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Synonyms: CEA, Carcinoembryonic antigen

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