CEA Antibody / Carcinoembryonic Antigen [clone C66/1009] (V2376CF488)

Catalog No.	Formulation	Size
V2376CF488-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	CF488 Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	C66/1009
Purity	Protein G affinity chromatography
UniProt	P06731
Localization	Cytoplasmic and luminal surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This CEA antibody is available for research use only.



Description

This antibody recognizes proteins of 80-200kDa, identified as different members of CEA family. CEA is synthesized during development in the fetal gut and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. This MAb does not react with nonspecific cross-reacting antigen (NCA) and with human polymorphonuclear leucocytes. It shows no reaction with a variety of normal tissues and is suitable for staining of formalin/paraffin tissues. CEA is not found in benign glands, stroma, or malignant prostatic cells. Antibody to CEA is useful in detecting early foci of

gastric carcinoma and in distinguishing pulmonary adenocarcinomas (60-70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+). Anti-CEA positivity is seen in adenocarcinomas from the lung, colon, stomach, esophagus, pancreas, gallbadder, urachus, salivary gland, ovary, and endocervix.

Application Notes

Optimal dilution of the CEA antibody should be determined by the researcher.

Immunogen

Human full-length recombinant CEA protein was used as the immunogen for this antibody.

Storage

Store the CEA antibody at 2-8oC, protected from light.

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