

36-1018: Monoclonal Antibody to Carcinoembryonic Antigen (CEA) / CD66(Clone : C66/1260)

Clonality :	Monoclonal
Clone Name :	C66/1260
Application :	IHC,FACS,IF
Reactivity :	Human
Gene :	CEACAM5
Gene ID :	1048
Uniprot ID :	P06731
Format :	Purified
Alternative Name :	CEACAM5,CEA
Isotype :	Mouse lgG2b, kappa
Immunogen Information :	Purified human CEA protein

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 reacts with nonspecific cross-reacting antigen (NCA). 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.

Product Info

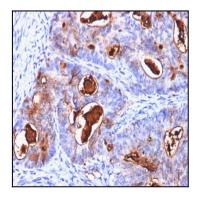
Amount : Purification :	100 μg Affinity Chromatography
Content :	100 μ g in 500 μ l PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Flow Cytometry (0.5-1ug/million cells); Immunofluorescence (1-2ug/ml); ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),

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Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CEA Monoclonal Antibody (C66/1260).