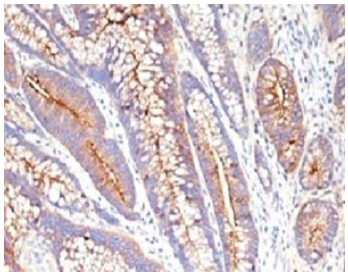
CEA Antibody / CEACAM5 [clone CCM661] (V7069)

Catalog No.	Formulation	Size
V7069-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7069-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7069SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7069IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	CCM661
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P06731
Localization	Cytoplasmic and luminal surface
Applications	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT (1) Prediluted IHC only format: incubate for 30 min at RT (2)
Limitations	This CEA antibody is available for research use only.



FFPE staining of human colon carcinoma with CEA antibody (CCM661).

Description

CEA is synthesized during development in the fetal gut and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. 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+).

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the CEA antibody to be titered up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

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

Storage

Store the CEA antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

References (4)

Copyright © NSJ Bioreagents. All rights reserved.