



Datasheet for ABIN5708042

anti-CEA antibody



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1 Image

Overview

Quantity:	100 µg
Target:	CEA
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant human protein was used as the immunogen for this recombinant CEA antibody.
Clone:	C66-1983R
Isotype:	IgG kappa
Purification:	Purified
Purity:	Protein A affinity chromatography

Target Details

Target:	CEA
Alternative Name:	CEA / Carcinoembryonic Antigen (CEA Products)
Background:	Carcinoembryonic antigen (CEA) describes a set of highly related glycoproteins involved in cell adhesion. CEA is normally produced in gastrointestinal tissue during fetal development, but the production stops before birth. Therefore, CEA is usually present only at very low levels in the blood of healthy adults. However, the serum levels are raised in some types of cancer, which

Target Details

means that it can be used as a tumor marker in clinical tests. [Wiki]

Application Details

Application Notes: Optimal dilution of the recombinant CEA antibody should be determined by the researcher..

1. 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.\. Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 min at RT,Prediluted IHC only format: incubate for 30 min at RT (1)

Restrictions: For Research Use only

Handling

Buffer: 0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide

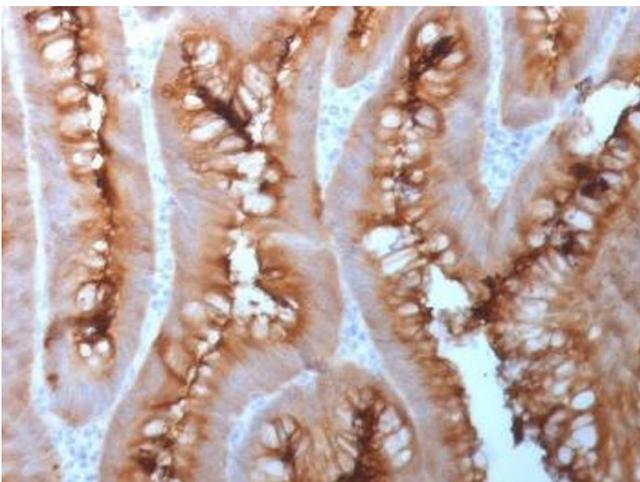
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

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

Images



Immunohistochemistry

Image 1. IHC testing of FFPE human melanoma with CEA antibody (clone C66/1983R). Required HIER: boil tissue sections in 10mM citrate buffer, pH6, for 10-20 min followed by cooling at RT for 20 min.