Product datasheet

Anti-Carcino Embryonic Antigen CEA antibody [CEA31] ab193372

Overview

Product name
Anti-Carcino Embryonic Antigen CEA antibody [CEA31]

Description
Mouse monoclonal [CEA31] to Carcino Embryonic Antigen CEA

Host species
Mouse

Tested applications
Suitable for: IHC-P, Flow Cyt, IP, IHC-Fr, ICC/IF, WB

Species reactivity
React with: Human, Monkey

Immunogen
Tissue, cells or virus corresponding to Human Carcino Embryonic Antigen CEA. Human colon carcinoma extract.

Positive control
MCF7 or 293T cells. Colon carcinoma; Human colon tissue.

Properties

Form
Liquid

Storage instructions

Storage buffer
Preservative: 0.05% Sodium azide
Constituents: 99% PBS, 0.05% BSA

Purification notes
ab193372 was purified from Bioreactor Concentrate by Protein A/G.

Clonality
Monoclonal

Clone number
CEA31

Isotype
IgG1

Light chain type
kappa

Applications

Our Abpromise guarantee covers the use of ab193372 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
### Function
Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E. coli Dr adhesins.

### Tissue specificity
Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

### Sequence similarities
Belongs to the immunoglobulin superfamily. CEA family. Contains 7 Ig-like (immunoglobulin-like) domains.

### Post-translational modifications
Complex immunoreactive glycoprotein with a MW of 180 kDa comprising 60% carbohydrate.

### Cellular localization
Cell membrane.

### Images
- Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human colon tissue labeling Carcino Embryonic Antigen CEA with ab193372 at 2 µg/ml.

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