CEA monoclonal antibody, clone PARLAM4

Catalog # MAB5286 Size

Specification

Product Description	Mouse monoclonal antibody raised against native CEA.
Immunogen	Native purified CEA from membrane of human colon carcinoma cells.
Host	Mouse
Reactivity	Human
Specificity	This monoclonal antibody is reactive with human carcinoembryonic antigen (CEA), a tumor associated antigen with oncofetal characteristics. Immunoblotting - antibody reacts with a single band of 180 kD. In immunohistochemistry on tissue sections: no reactivity with granulocytes, bile canaliculi, alveolar epithelium. No crossreactivities have been observed. Despite this lack of specificity, immunohistochemical detection of CEA is frequently used for the histopathologial diagnosis of human tumors. Most polyclonal, non purified, CEA antisera show cross reactivity with related antigens such as biliary glycoprotein (BGP) and non-specific cross reacting antigen 1/11 (NCA). Our monoclonal CEA antibody does not show cross reactivity neither with BGP nor with NCA.
Form	Liquid
Isotype	IgG1
Recommend Usage	Immunohistochemistry (1:5-1:10) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-HCl (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunohistochemistry (Frozen sections)
- Western Blot

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