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Datasheet for ABIN500214
anti-MACC1 antibody (Center)

2 Images

Overview

Quantity:	0.1 mg
Target:	MACC1
Binding Specificity:	Center
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MACC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	MACC1 antibody was raised against a 17 amino acid peptide near the center of human MACC1.
Isotype:	IgG
Specificity:	This antibody detects MACC1 at center.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	MACC1
Alternative Name:	MACC1 (MACC1 Products)

Target Details

Background: Metastasis associated in colon cancer 1 (MACC1) is a key regulator of the hepatocyte growth factor (HGF)-HGF receptor (MET) pathway, which is involved in cellular growth, epithelial-mesenchymal transition, angiogenesis, cell motility, invasiveness, and metastasis. MACC1 protein consists of four domains: ZU5, SH3, and two C-terminal death domains (DD). Expression of MACC1 was found significantly upregulated in malignant tissues (colon cancer of all stages as well as liver and lung metastases) compared to normal tissues or adenomas. MACC1 represents an early and crucial prognostic indicator for colon cancer metastasis that is independent of age, sex, tumor infiltration, nodal status, and lymph vessel invasion. Besides its involvement in signal transduction with the MET receptor, MACC1 also links MET signaling and apoptosis. MACC1 may also be an important therapeutic target for colorectal cancer treatment. At least two isoforms of MACC1 are known to exist. Synonyms: Metastasis-associated in colon cancer protein 1

Gene ID: 346389

UniProt: [Q6ZN28](#)

Application Details

Application Notes: ELISA. Western blot: 1-2 µg/mL. Immunohistochemistry on paraffin sections.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

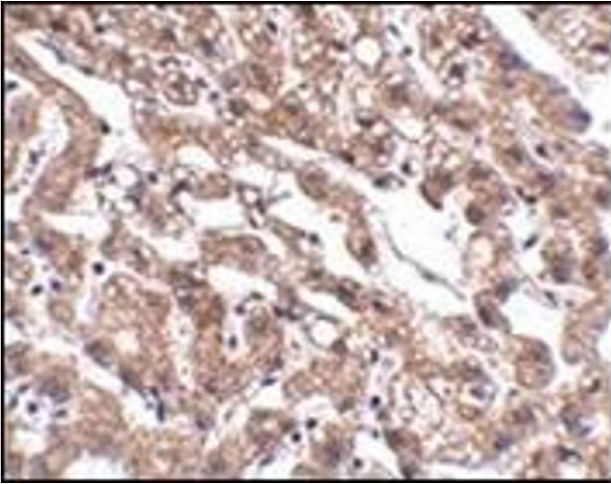
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

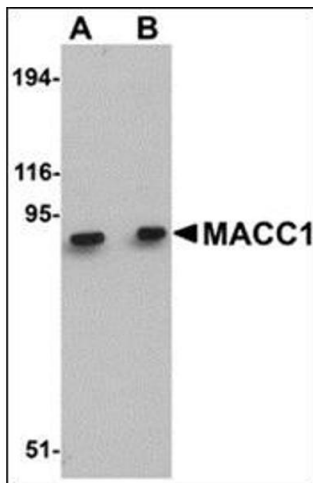
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of MACC1 in human liver tissue with this product at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of MACC1 in mouse liver tissue lysate with this product at (A) 1 and (B) 2 µg/ml.