Rabbit MACC1 Polyclonal Antibody | anti-MACC1 antibody

MACC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40145	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

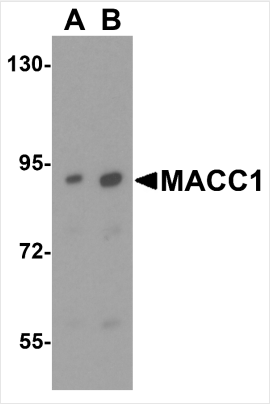
PRODUCT SYNONYMS

MACC1; Polyclonal Antibody; MACC1 Antibody; 7A5; SH3BP4L; Metastasis-associated in colon cancer protein 1; SH3 domain-containing protein 7a5; metastasis associated in colon cancer 1; anti-MACC1 antibody

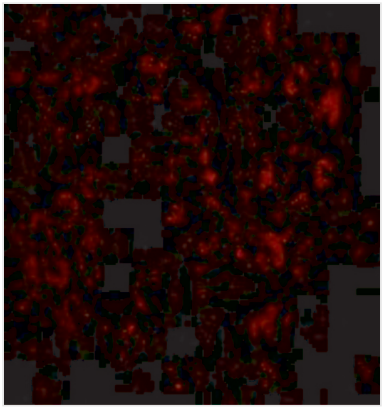
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of MACC1 are known to exist.
Purity/Purification	MACC1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	852
Applicable Applications for anti-MACC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	MACC1 antibody was raised against a 17 amino acid synthetic peptide near the center of human MACC1.
Buffer	MACC1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

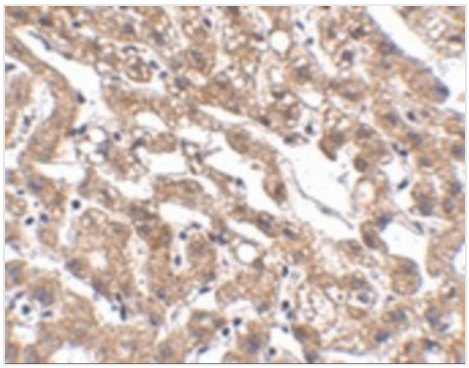
IMAGES



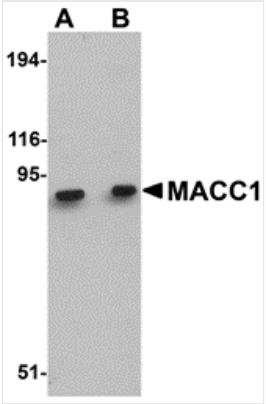
WB (Western Blot)
Western blot analysis of MACC1 expression in human liver tissue lysate with MACC1 antibody at (A) 1 and (B) 2 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of MACC1 in Human Liver cells with MACC1 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of MACC1 in human liver tissue with MACC1 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of MACC1 in mouse liver tissue lysate with MACC1 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-MACC1 antibody	MACC1 Antibody: 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157502191
NCBI GeneID	346389
NCBI Accession #	NP_877439
NCBI GenBank Nucleotide #	NM_182762.3
UniProt Accession #	Q6ZN28; Q6ZQN8; Q7Z5A5; A8MUS5; B2RNR9

Molecular Weight	Predicted: 94 kDa Observed: 90 kDa
NCBI Official Full Name	metastasis-associated in colon cancer protein 1
NCBI Official Synonym Full Names	metastasis associated in colon cancer 1
NCBI Official Symbol	MACC1
NCBI Official Synonym Symbols	7A5; SH3BP4L
NCBI Protein Information	metastasis-associated in colon cancer protein 1; putative binding protein 7a5; SH3 domain-containing protein 7a5
UniProt Protein Name	Metastasis-associated in colon cancer protein 1
UniProt Gene Name	**MACC1**
UniProt Entry Name	MACC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/macc1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40145