



MACC1 Polyclonal Antibody

Catalog No	BYab-02232
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	MACC1
Protein Name	Metastasis-associated in colon cancer protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human MACC1. AA range:411-460
Specificity	MACC1 Polyclonal Antibody detects endogenous levels of MACC1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MACC1; Metastasis-associated in colon cancer protein 1; SH3 domain-containing protein 7a5
Observed Band	97kD
Cell Pathway	Cytoplasm . Nucleus . Mainly found in the cytoplasm in non-metastasizing tumors.
Tissue Specificity	Preferentially expressed in metastasizing tumors.
Function	function:Acts as a transcription activator for MET and as a key regulator of HGF-MET signaling. Promotes cell motility, proliferation and hepatocyte growth factor (HGF)-dependent scattering in vitro and tumor growth and metastasis in vivo.,similarity:Contains 1 SH3 domain.,subcellular location:Mainly found in the cytoplasm in non-metastasizing tumors.,tissue specificity:Preferentially expressed in metastasizing tumors.,
Background	MACC1 is a key regulator of the hepatocyte growth factor (HGF; MIM 142409)-HGF receptor (HGFR, or MET; MIM 164860) pathway, which is involved in cellular growth, epithelial-mesenchymal transition, angiogenesis, cell motility,

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invasiveness, and metastasis. Expression of MACC1 in colon cancer (MIM 114500) specimens is an independent prognostic indicator for metastasis formation and metastasis-free survival (Stein et al., 2009 [PubMed 19098908]).[supplied by OMIM, Mar 2009],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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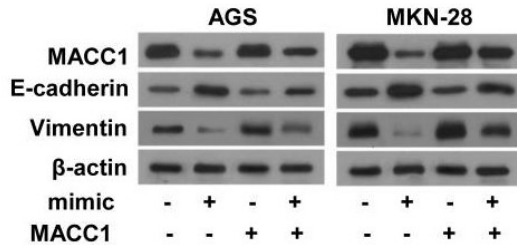
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Products Images

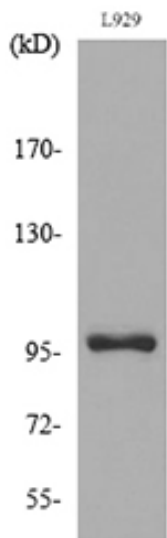
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Huang, Na, et al. "MiR-338-3p inhibits epithelial-mesenchymal transition in gastric cancer cells by targeting ZEB2 and MACC1/Met/Akt signaling." *Oncotarget* 6.17 (2015): 15222.



Western Blot analysis of L929 cells using MACC1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from L929 cells, using MACC1 Antibody.