



# MACC1 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-02232
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	MACC1
<b>Protein Name</b>	Metastasis-associated in colon cancer protein 1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human MACC1. AA range:411-460
<b>Specificity</b>	MACC1 Polyclonal Antibody detects endogenous levels of MACC1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MACC1; Metastasis-associated in colon cancer protein 1; SH3 domain-containing protein 7a5
<b>Observed Band</b>	97kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus . Mainly found in the cytoplasm in non-metastasizing tumors.
<b>Tissue Specificity</b>	Preferentially expressed in metastasizing tumors.
<b>Function</b>	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.,
<b>Background</b>	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, 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],



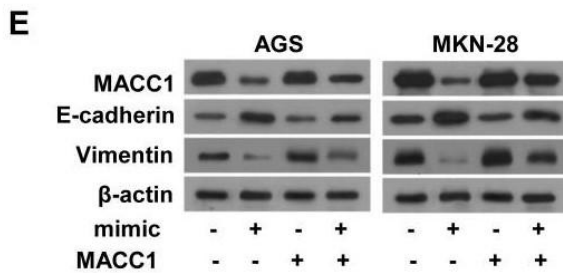
**matters needing attention**

Avoid repeated freezing and thawing!

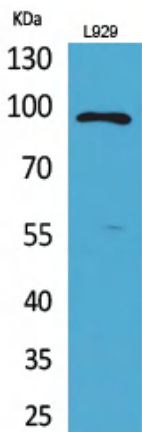
**Usage suggestions**

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

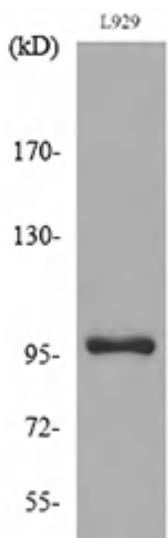
## Products Images



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.