

MTSS1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant MTSS1.****Catalog # AT2933a****Specification**

MTSS1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	O43312
Other Accession	BC023998
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	82251

MTSS1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 9788**Other Names**

Metastasis suppressor protein 1, Metastasis suppressor YGL-1, Missing in metastasis protein, MTSS1, KIAA0429, MIM

Target/Specificity

MTSS1 (AAH23998, 346 a.a. ~ 445 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

MTSS1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

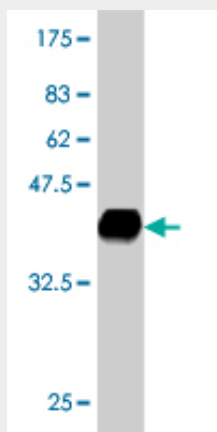
MTSS1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

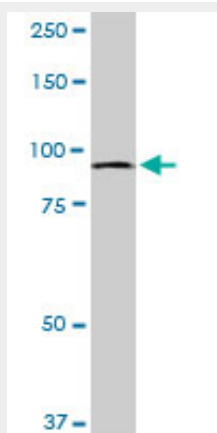
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

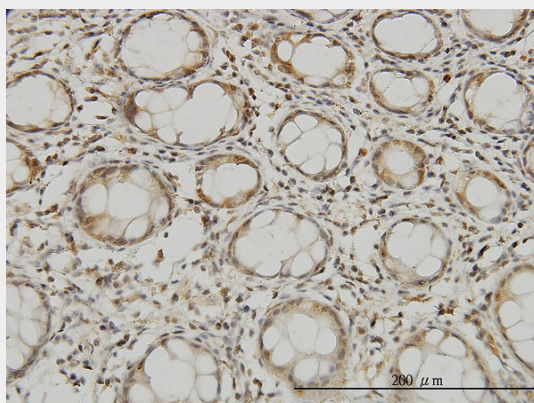
MTSS1 Antibody (monoclonal) (M01) - Images



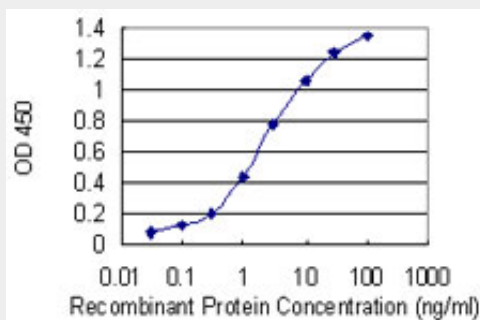
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



MTSS1 monoclonal antibody (M01), clone 2G9. Western Blot analysis of MTSS1 expression in human pancreas.



Immunoperoxidase of monoclonal antibody to MTSS1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged MTSS1 is 0.03 ng/ml as a capture antibody.

MTSS1 Antibody (monoclonal) (M01) - References

1.MTSS1 is a metastasis driver in a subset of human melanomas.Mertz KD, Pathria G, Wagner C, Saarikangas J, Sboner A, Romanov J, Gschaidner M, Lenz F, Neumann F, Schreiner W, Nemethova M, Glassmann A, Lappalainen P, Stingl G, Small JV, Fink D, Chin L, Wagner S.Nat Commun. 2014 Mar 17;5:3465. doi: 10.1038/ncomms4465.2.The impact of Metastasis Suppressor-1, MTSS1, on oesophageal squamous cell carcinoma and its clinical significance.Xie F, Ye L, Chen J, Wu N, Zhang Z, Yang Y, Zhang L, Jiang WG.J Transl Med. 2011 Jun 22;9:95.3.Downregulation of metastasis suppressor 1(MTSS1) is associated with nodal metastasis and poor outcome in Chinese patients with gastric cancer.Liu K, Wang G, Ding H, Chen Y, Yu G, Wang J.BMC Cancer. 2010 Aug 15;10:428.4.Metastasis suppressor 1 (MTSS1) demonstrates prognostic value and anti-metastatic properties in breast cancerParr C, Jiang WG.Eur J Cancer. 2009 Jun;45(9):1673-83. Epub 2009 Mar 26.