

EPSTI1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant EPSTI1.****Catalog # AT1934a****Specification**

EPSTI1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	O96J88
Other Accession	NM_001002264
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	36793

EPSTI1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 94240**Other Names**

Epithelial-stromal interaction protein 1, EPSTI1

Target/Specificity

EPSTI1 (NP_001002264, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

EPSTI1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

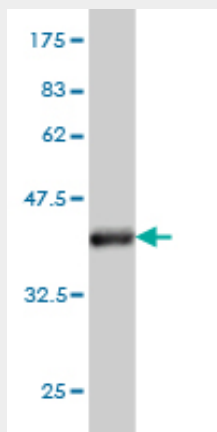
EPSTI1 Antibody (monoclonal) (M01) - Protocols

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

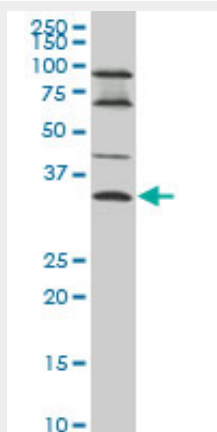
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

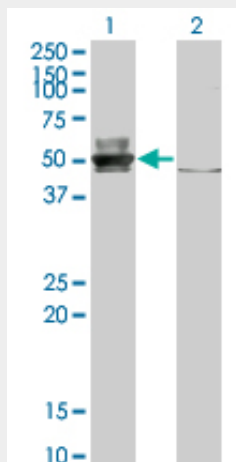
EPSTI1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .

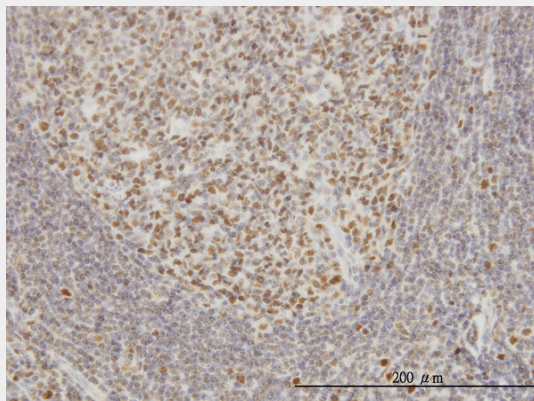


EPSTI1 monoclonal antibody (M01), clone 2A8 Western Blot analysis of EPSTI1 expression in A-431((Cat # AT1934a)

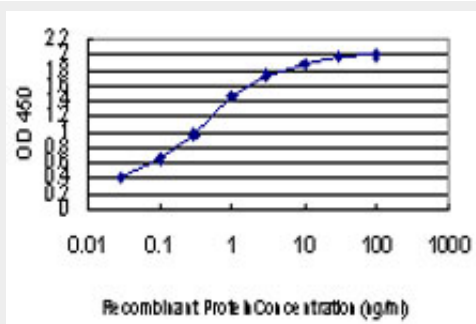


Western Blot analysis of EPSTI1 expression in transfected 293T cell line by EPSTI1 monoclonal antibody (M01), clone 2A8.

Lane 1: EPSTI1 transfected lysate(36.793 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to EPSTI1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged EPSTI1 is approximately 0.03ng/ml as a capture antibody.

EPSTI1 Antibody (monoclonal) (M01) - References

Epithelial-stromal interaction 1 (EPSTI1) substitutes for peritumoral fibroblasts in the tumor microenvironment. de Neergaard M, et al. Am J Pathol, 2010 Mar. PMID 20133812. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Identification of EPSTI1, a novel gene induced by epithelial-stromal interaction in human breast cancer. Nielsen HL, et al. Genomics, 2002 May. PMID 11991720. Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence. Adams MD, et al. Nature, 1995 Sep 28. PMID 7566098.

EPSTI1 Antibody (monoclonal) (M01) - Citations

- [Contrasting functions of the epithelial-stromal interaction 1 gene, in human oral and lung squamous cell cancers](#)