

RP13-297E16.1 Antibody (monoclonal) (M02)
Mouse monoclonal antibody raised against a partial recombinant RP13-297E16.1.
Catalog # AT3694a

Specification

RP13-297E16.1 Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, IF, E
Primary Accession	Q02040
Other Accession	NM_005088
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	80735

RP13-297E16.1 Antibody (monoclonal) (M02) - Additional Information

Gene ID 8227

Other Names

A-kinase anchor protein 17A, AKAP-17A, 721P, B-lymphocyte antigen, Protein XE7, Protein kinase A-anchoring protein 17A, PRKA17A, Splicing factor, arginine/serine-rich 17A, AKAP17A, CXYorf3, DXYS155E, SFRS17A, XE7

Target/Specificity

SFRS17A (NP_005079, 53 a.a. ~ 156 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
IF~~1:50~200
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

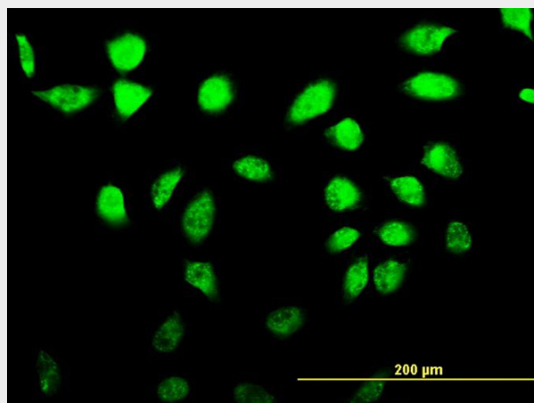
RP13-297E16.1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

RP13-297E16.1 Antibody (monoclonal) (M02) - Protocols

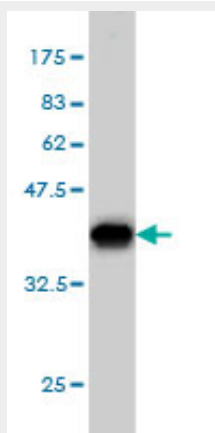
Provided below are standard protocols that you may find useful for product applications.

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

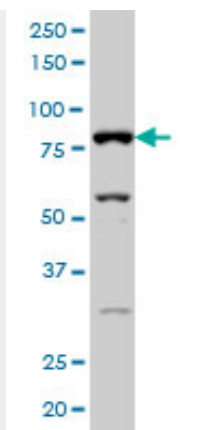
RP13-297E16.1 Antibody (monoclonal) (M02) - Images



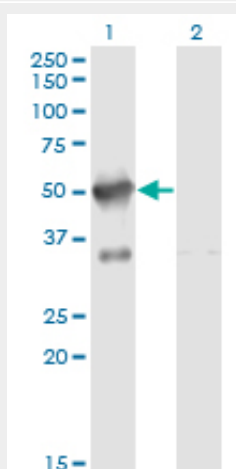
Immunofluorescence of monoclonal antibody to SFRS17A on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.18 KDa) .



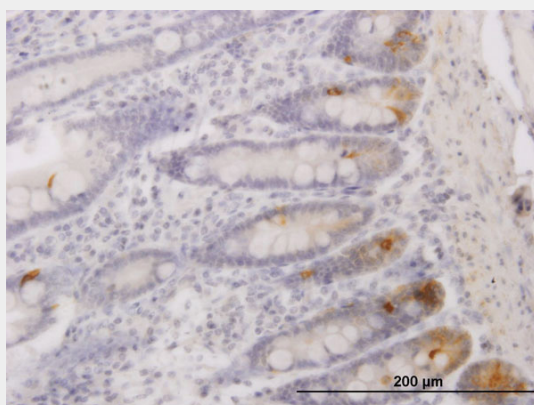
SFRS17A monoclonal antibody (M02), clone 2G8 Western Blot analysis of SFRS17A expression in HeLa S3 NE (Cat # AT3694a)



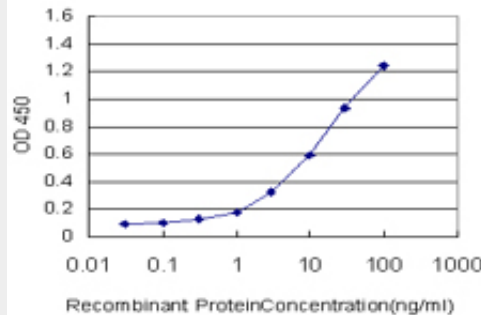
Western Blot analysis of SFRS17A expression in transfected 293T cell line by SFRS17A monoclonal antibody (M02), clone 2G8.

Lane 1: SFRS17A transfected lysate(51.5 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to SFRS17A on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 1 ug/ml]



Detection limit for recombinant GST tagged SFRS17A is approximately 0.1 ng/ml as a capture antibody.

RP13-297E16.1 Antibody (monoclonal) (M02) - Background

This locus encodes a protein kinase A anchoring protein. The encoded protein is part of the spliceosome complex and is involved in the regulation of alternate splicing in some mRNA precursors. Alternatively spliced transcript variants have been identified for this gene.

RP13-297E16.1 Antibody (monoclonal) (M02) - References

Splicing factor arginine/serine-rich 17A (SFRS17A) is an A-kinase anchoring protein that targets protein kinase A to splicing factor compartments. Jarnaess E, et al. J Biol Chem, 2009 Dec 11. PMID 19840947. Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. XE7: a novel splicing factor that interacts with ASF/SF2 and ZNF265. Mangs AH, et al. Nucleic Acids Res, 2006. PMID 16982639. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.