

SEP10 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant SEPT10.****Catalog # AT3810a****Specification**

SEP10 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	Q9P0V9
Other Accession	BC020502
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	52593

SEP10 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 151011**Other Names**

Septin-10, SEPT10

Target/Specificity

SEPT10 (AAH20502, 1 a.a. ~ 454 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

SEP10 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

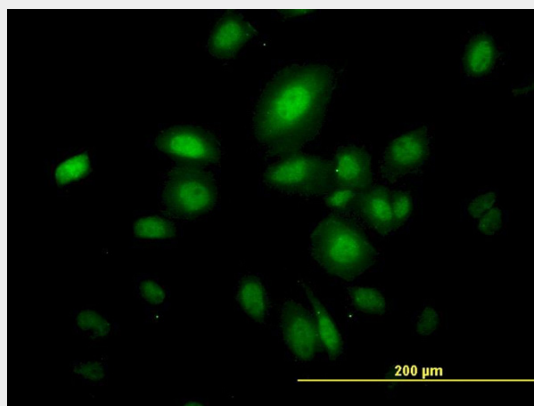
SEP10 Antibody (monoclonal) (M01) - Protocols

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

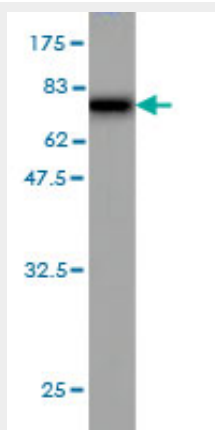
- [Western Blot](#)
- [Blocking Peptides](#)

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

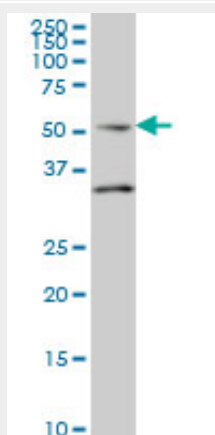
SEP10 Antibody (monoclonal) (M01) - Images



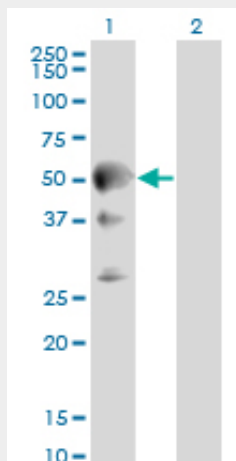
Immunofluorescence of monoclonal antibody to SEPT10 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (75.68 KDa) .



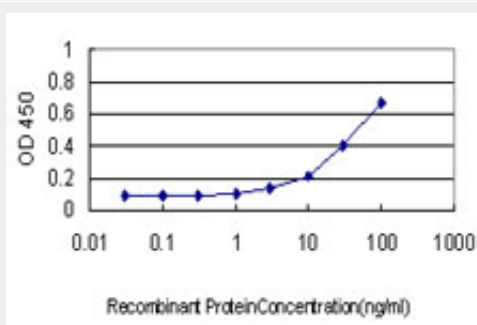
SEPT10 monoclonal antibody (M01), clone 2A12 Western Blot analysis of SEPT10 expression in U-2 OS (Cat # AT3810a)



Western Blot analysis of SEPT10 expression in transfected 293T cell line by SEPT10 monoclonal antibody (M01), clone 2A12.

Lane 1: SEPT10 transfected lysate(52.6 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged SEPT10 is approximately 1ng/ml as a capture antibody.

SEP10 Antibody (monoclonal) (M01) - Background

This gene encodes a member of the septin family of cytoskeletal proteins with GTPase activity. This protein localizes to the cytoplasm and nucleus and displays GTP-binding and GTPase activity. Alternate splicing results in two transcript variants encoding different isoforms.

SEP10 Antibody (monoclonal) (M01) - References

1. Identification of a novel role of Septin 10 in paclitaxel-resistance in cancers through a functional genomics screen. Xu M, Takanashi M, Oikawa K, Nishi H, Isaka K, Yoshimoto T, Ohyashiki J, Kuroda M. Cancer Sci. 2012 Apr;103(4):821-7. doi: 10.1111/j.1349-7006.2012.02221.x. Epub 2012 Mar 4.