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SEP10 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SEPT10.
Catalog # AT3810a

Product Information

Application	WB, IF, E
Primary Accession	Q9P0V9
Other Accession	BC020502
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2A12
Calculated MW	52593

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.

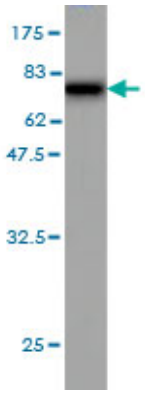
Background

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.

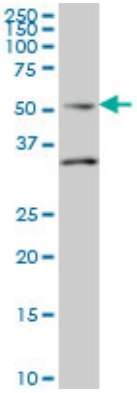
References

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.

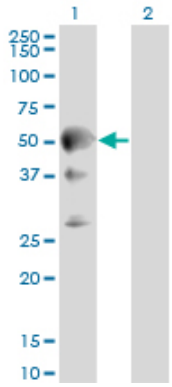
Images



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

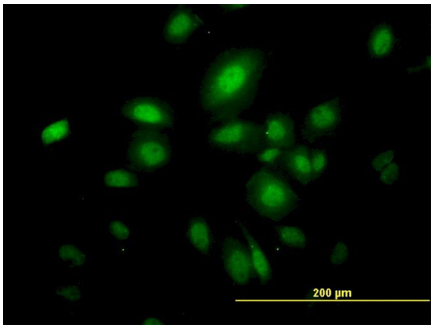


SEPT10 monoclonal antibody (M01), clone 2A12 Western Blot analysis of SEPT10 expression in U-2 OS ((Cat # AT3810a)



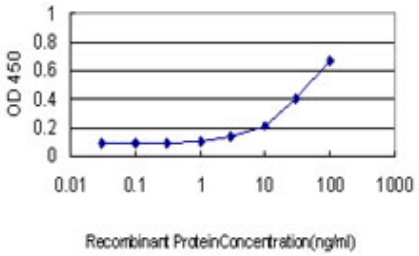
Western Blot analysis of SEPT10 expression in transfected 293T cell line by SEPT10 monoclonal antibody (M01), clone 2A12.

Lane 1: SEPT10 transfected lysate(52.6 KDa).
Lane 2: Non-transfected lysate.



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

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



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.