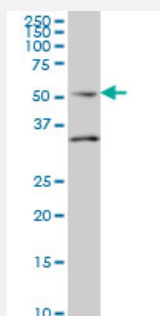


SEPT10 monoclonal antibody (M01), clone 2A12

Catalog # H00151011-M01

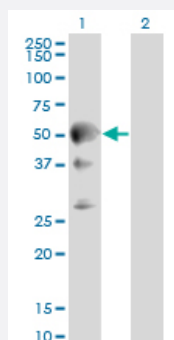
Size 100 ug

Applications



Western Blot (Cell lysate)

SEPT10 monoclonal antibody (M01), clone 2A12 Western Blot analysis of SEPT10 expression in U-2 OS (Cat # L022V1).

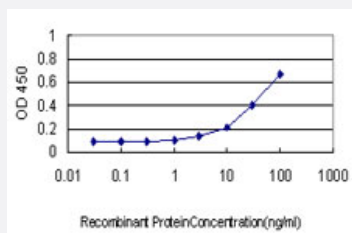


Western Blot (Transfected lysate)

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

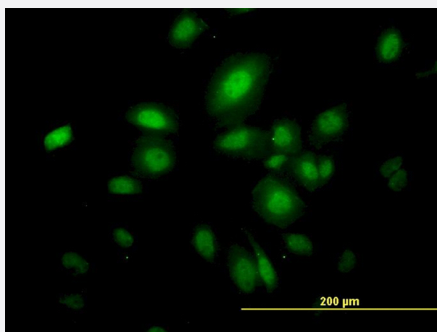
Lane 1: SEPT10 transfected lysate(52.6 KDa).

Lane 2: Non-transfected lysate.



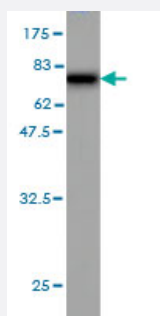
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (75.68 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant SEPT10.
Immunogen	SEPT10 (AAH20502, 1 a.a. ~ 454 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASSEVARHLLFQSHMATKTTTCMSSQGSDDDEQIKRENIRSLTMSGHVGFESELPDQLVNRSIQQGF CFNILCVGETGIGKSTLIDTLFNTNFEDYESSHFCPNVKLKAQTYELQESNVQLKLTVMNTVGFQDQI NKEESYQPIVDYIDAQFEAYLQEELKIKRSLFTYHDSRIHVCLYFISPTGHSLKTLDLLTMKNLDSKVN IIPVIAKADTVSKTELQKFQKIKLMSSELVSNQVQYQFPTDDDTIAKVNAAMNGQLPFAVVGSMDEVK VGNKMKVAKRQYPWGVVQVENENHCDFVKLREMLICTNMEDLREQTHTRHYELYRRCKLEEMGF TDVGPENKPVSVQETYEAKRHEFHGERQQRKEEEMKQMFVQRVKEKEAILKEAERELQAKFEHL KRLHQEERMKLEEKRRLLLEEIIAFSKKKATSEIFHSQSFLATGSNLRKDKDRKNSNFL
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (75.68 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SEPT10 monoclonal antibody (M01), clone 2A12 Western Blot analysis of SEPT10 expression in U-2 OS (Cat # L022V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — SEPT10

Entrez GeneID	151011
GeneBank Accession#	BC020502
Protein Accession#	AAH20502
Gene Name	SEPT10
Gene Alias	FLJ11619
Gene Description	septin 10
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

sept1-like

Publication Reference

- [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 Science 2012 Apr; 103(4):821.

Application: IHC-P, WB-Tr, Human, HeLa, MCF-7 cells, Human ovarian carcinoma specimens