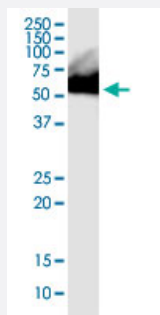


RNPS1 monoclonal antibody (M05), clone 7G8

Catalog # H00010921-M05

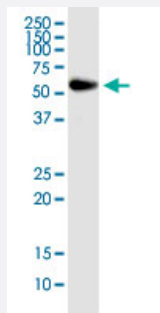
Size 100 ug

Applications



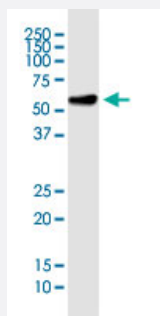
Western Blot (Tissue lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in rat testis.



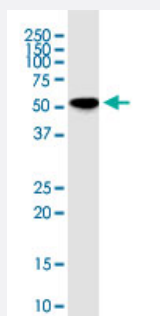
Western Blot (Tissue lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in human kidney.



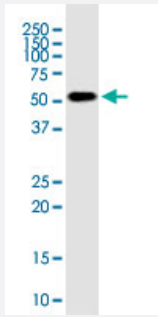
Western Blot (Cell lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in 293.



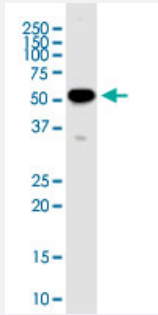
Western Blot (Cell lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in PC-12.



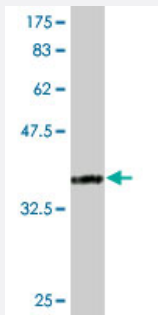
Western Blot (Cell lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in Raw 264.7.



Western Blot (Cell lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in HeLa.



Western Blot detection against Immunogen (34.76 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RNPS1.
Immunogen	RNPS1 (NP_006702, 158 a.a. ~ 239 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PKPTKVHIGRLTRNVTGDHIMEIFSTYGKIKMIDMPVERMHPHLSKGYAYVEFENPDEAEKALKHMDGGQIDGQEITATAVL
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (100); Rat (99)
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (34.76 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 (Tissue lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in rat testis.

[Protocol Download](#)

- Western Blot (Tissue lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in 293.

[Protocol Download](#)

- Western Blot (Cell lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in PC-12.

[Protocol Download](#)

- Western Blot (Cell lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

RNPS1 monoclonal antibody (M05), clone 7G8. Western Blot analysis of RNPS1 expression in HeLa.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RNPS1

Entrez GeneID [10921](#)

GeneBank Accession# [NM_006711](#)

Protein Accession# [NP_006702](#)

Gene Name RNPS1

Gene Alias E5.1, MGC117332

Gene Description RNA binding protein S1, serine-rich domain

Omim ID [606447](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein binds to the mRNA and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. This protein contains many serine residues. Two splice variants have been found for this gene; both variants encode the same protein. [provided by RefSeq]

Other Designations RNA-binding protein S1, serine-rich domain|SR protein

Publication Reference

- [Global tumor protein p53/p63 interactome: making a case for cisplatin chemoresistance.](#)

Huang Y, Jeong JS, Okamura J, Sook-Kim M, Zhu H, Guerrero-Preston R, Ratovitski EA.

Cell Cycle 2012 Jun; 11(12):2367.

Application: WB, Human, SCC cell