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RPL9 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RPL9.
Catalog # AT3710a

Product Information

Application	WB, IHC, IF, E
Primary Accession	P32969
Other Accession	NM_000661
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2F11
Calculated MW	21863

Additional Information

Gene ID	6133
Other Names	60S ribosomal protein L9, RPL9
Target/Specificity	RPL9 (NP_000652, 93 a.a. ~ 191 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	RPL9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

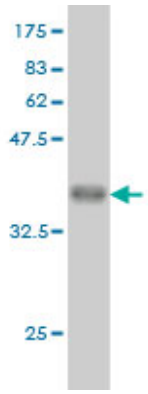
Background

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L6P family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.

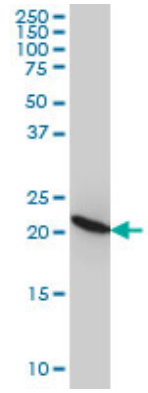
References

1.Proteomic characterization of the human sperm nucleus.de Mateo S, Castillo J, Estanyol JM, Ballesca JL, Oliva R.PROTEOMICS DOI: 10.1002/ pmic.201000799

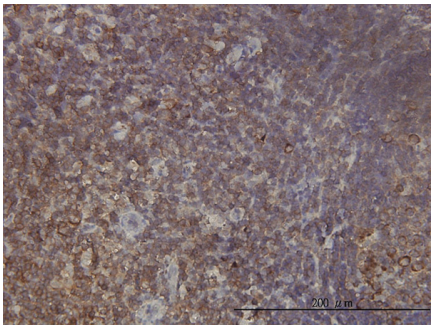
Images



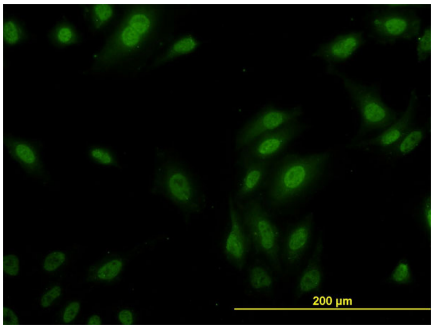
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



RPL9 monoclonal antibody (M01), clone 2F11 Western Blot analysis of RPL9 expression in HeLa ((Cat # AT3710a)

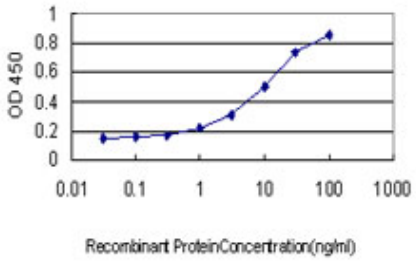


Immunoperoxidase of monoclonal antibody to RPL9 on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 1 ~ 10 ug/ml]



Immunofluorescence of monoclonal antibody to RPL9 on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged RPL9 is approximately 0.3ng/ml as a capture antibody.



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