

RPL8 mouse monoclonal antibody (hybridoma)

Catalog # H00006132-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant RPL8.
Immunogen	RPL8 (NP_000964.1, 1 a.a. ~ 257 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGRVIRGQRKGAGSVFRAHVKHRKGAARLRAVDFAERHGYKGMVDIIHDPGRGAPLAKVVFRD PYRFKKRTELFIAAEGIHGTGQFVYCGKKAQLNIGNVLPVGTMPGEGTIVCCLEEKPGDRGKLARASG NYATVISHNPETKKTRVKLP SGSKKVISSANRAVVGVVAGGGRIDKPILKAGRAYHKYAKRNCWP RVRGVAMNPVEHPFGGGNHQHIGKPSTIRRDAPAGRKVGLIAARTGRLRGTKTVQEKEN
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RPL8

Entrez GeneID [6132](#)**GeneBank Accession#** [NM_000973.3](#)**Protein Accession#** [NP_000964.1](#)**Gene Name** RPL8**Gene Alias** -**Gene Description** ribosomal protein L8**Omim ID** [604177](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

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 L2P family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein associates with the 5.8S rRNA, very likely participates in the binding of aminoacyl-tRNA, and is a constituent of the elongation factor 2-binding site at the ribosomal subunit interface. Alternatively spliced transcript variants encoding the same protein exist. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

Other Designations 60S ribosomal protein L8

Pathway

- [Ribosome](#)