

RPL35A mouse monoclonal antibody (hybridoma)

Catalog # H00006165-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant RPL35A.
Immunogen	RPL35A (NP_000987.2, 1 a.a. ~ 110 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSGRLWSKAIFAGYKRGLRNQREHTALLKIEGVYARDETEFYLGKRCAYVKAKNNTVTPGGKPN KTRVIWGKVTRAHGNSGMVRAKFRSNLPAKAIGHRIRVMLYPSRI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — RPL35A

Entrez GeneID [6165](#)**GeneBank Accession#** [NM_000996.2](#)**Protein Accession#** [NP_000987.2](#)**Gene Name** RPL35A**Gene Alias** DBA5**Gene Description** ribosomal protein L35a**Omim ID** [180468](#)**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 L35AE family of ribosomal proteins. It is located in the cytoplasm. The rat protein has been shown to bind to both initiator and elongator tRNAs, and thus, it is located at the P site, or P and A sites, of the ribosome. Although this gene was originally mapped to chromosome 18, it has been established that it is located at 3q29-qter. Transcript variants utilizing alternative transcription initiation sites and alternative polyA signals 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 L35a

Pathway

- [Ribosome](#)

Disease

- [Anemia](#)