

# RPS4X monoclonal antibody (M01A), clone 3E10

Catalog # H00006191-M01A

Size 200 uL

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant RPS4X.
<b>Immunogen</b>	RPS4X (NP_000998, 74 a.a. ~ 177 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	GKVRTDITYPAGFMDVISIDKTGENFRLYDTKGRFAVHRITPEEAKYKLCKVRKIFVGTKGIPHLVTH DARTIRYPDPLIKVNDTIQIDLETGKITDFIKFDT
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgM Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In ascites fluid
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- ELISA

## Gene Info — RPS4X

<b>Entrez GeneID</b>	<a href="#">6191</a>
<b>GeneBank Accession#</b>	<a href="#">NM_001007</a>
<b>Protein Accession#</b>	<a href="#">NP_000998</a>
<b>Gene Name</b>	RPS4X

Gene Alias	CCG2, DXS306, FLJ40595, SCAR, SCR10
Gene Description	ribosomal protein S4, X-linked
Omim ID	<a href="#">312760</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>Cytoplasmic ribosomes, 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 ribosomal protein S4, a component of the 40S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, namely this gene and ribosomal protein S4, Y-linked (RPS4Y). The 2 isoforms encoded by these genes are not identical, but are functionally equivalent. Ribosomal protein S4 belongs to the S4E family of ribosomal proteins. This gene is not subject to X-inactivation. It has been suggested that haploinsufficiency of the ribosomal protein S4 genes plays a role in Turner syndrome; however, this hypothesis is controversial. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]</p>
Other Designations	40S ribosomal protein S4, X isoform OTTHUMP00000023537 cell cycle gene 2 ribosomal protein S4X isoform single-copy abundant mRNA

## Pathway

- [Ribosome](#)