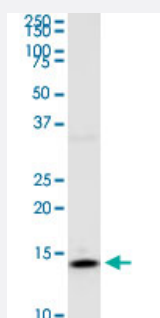


RPS14 monoclonal antibody (M05), clone 3G5

Catalog # H00006208-M05

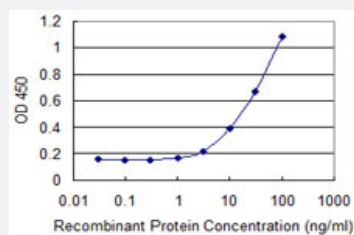
Size 100 ug

Applications



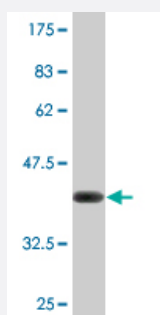
Western Blot (Cell lysate)

RPS14 monoclonal antibody (M05), clone 3G5. Western Blot analysis of RPS14 expression in K-562.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RPS14 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant RPS14.

Immunogen	RPS14 (AAH03401.1, 45 a.a. ~ 144 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TDLSGKETICRVTTGGMKVKADRDESSPYAAMLAAQDVAQRCKELGITALHIKLRATGGNRTKTPG PGAQSALRALARSGMKIGRIEDVTPIPSDSTRRK
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Cell lysate)

RPS14 monoclonal antibody (M05), clone 3G5. Western Blot analysis of RPS14 expression in K-562.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RPS14 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RPS14

Entrez GeneID	6208
GeneBank Accession#	BC003401
Protein Accession#	AAH03401.1

Gene Name	RPS14
Gene Alias	EMTB
Gene Description	ribosomal protein S14
Omim ID	130620
Gene Ontology	Hyperlink
Gene Summary	<p>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 40 S subunit. The protein belongs to the S11P family of ribosomal proteins. It is located in the cytoplasm. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. In Chinese hamster ovary cells, mutations in this gene can lead to resistance to emetine, a protein synthesis inhibitor. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]</p>
Other Designations	40S ribosomal protein S14 emetine resistance

Disease

- [Anemia](#)