Mouse RPL36A Monoclonal Antibody | anti-RPL36A antibody

RPL36A (Ribosomal Protein L36a, L44L, MGC72020, MIG6, RPL44) (PE)

CATALOG #	HOST	APPLICATIONS
AAA26654	**Mouse**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

RPL36A; Monoclonal Antibody; RPL36A (Ribosomal Protein L36a; L44L; MGC72020; MIG6; RPL44) (PE); Ribosomal Protein L36a; RPL44; anti-RPL36A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	5F8
Specificity	Recognizes RPL36A.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-RPL36A antibody	IF (Immunofluorescence), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	RPL36A (NP_066357, 7aa-106aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	TRRTFCKKCGKHQPHKVTQYKKGKDSLYAQGKRRYDRKQSGYGGQTKPIFRKKAKTTKKIVLRLECVEPNCRSKRMLAIKRCKHFELGGDKKRKGQVIQ
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recover of product, centrifuge the original vial prior to removing the cap.

IMAGES

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to RPL36A on HeLa cell. [antibody concentration 10 ug/ml]

WB (Western Blot)
RPL36A monoclonal antibody (M01), clone 5F8. Western Blot analysis of RPL36A expression in Raw 264.7 (Cat # L024V1).

WB (Western Blot)
RPL36A monoclonal antibody (M01), clone 5F8. Western Blot analysis of RPL36A expression in PC-12 (Cat # L012V1).

WB (Western Blot)
RPL36A monoclonal antibody (M01), clone 5F8. Western Blot analysis of RPL36A expression in NIH/3T3 (Cat # L018V1).

Application Data
Detection limit for recombinant GST tagged RPL36A is approximately 0.1ng/ml as a capture antibody.

WB (Western Blot)
RPL36A monoclonal antibody (M01), clone 5F8. Western Blot analysis of RPL36A expression in HeLa (Cat # L013V1).

ADDITIONAL INFORMATION

Related Product Information for anti-RPL36A antibody	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 a ribosomal protein that is a component of the 60S subunit. The protein, which shares sequence similarity with yeast ribosomal protein L44, belongs to the L44E (L36AE) family of ribosomal proteins. Although this gene has been referred to as ribosomal protein L44 (RPL44), its official name is ribosomal protein L36a (RPL36A). This gene and the human gene officially named ribosomal protein L36a-like (RPL36AL) encode nearly identical proteins; however, they are distinct genes. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]
Product Categories/Family for anti-RPL36A antibody	Antibodies; Ribosomal Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	1541310052
NCBI GeneID	6173
NCBI Accession #	NP_066357
NCBI GenBank Nucleotide #	NM_021029
UniProt Accession #	P83881
Molecular Weight	16kDa
NCBI Official Full Name	60S ribosomal protein L36a
NCBI Official Synonym Full Names	ribosomal protein L36a
NCBI Official Symbol	RPL36A
NCBI Official Synonym Symbols	L36A; L44L; MIG6; RPL44
NCBI Protein Information	60S ribosomal protein L36a
UniProt Protein Name	60S ribosomal protein L36a
UniProt Gene Name	**RPL36A**
UniProt Synonym Gene Names	RPL44
UniProt Entry Name	RL36A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.