Mouse RPS5 Monoclonal Antibody | anti-RPS5 antibody

RPS5 (40S Ribosomal Protein S5) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25822	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

RPS5; Monoclonal Antibody; RPS5 (40S Ribosomal Protein S5) (PE); anti-RPS5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	4H3
Specificity	Recognizes human RPS5. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-RPS5 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa106-205 from human RPS5 (NP_001000) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ENPLQVLVNAIINSGPREDSTRIGRAGTVRRQAVDVSPLRRVNQAIWLLCTGAREAAFRNIKTIAECLADELINAAKGSSNSYAIKKKDELERVAKSNR
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 recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged RPS5 is ~3ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to RPS5 on HeLa cell. [antibody concentration 10ug/ml]

WB (Western Blot)
Western Blot analysis of RPS5 expression in transfected 293T cell line by RPS5 monoclonal antibody. Lane 1: RPS5 transfected lysate (22.9kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
RPS5 monoclonal antibody. Western Blot analysis of RPS5 expression in NIH/3T3.

WB (Western Blot)
RPS5 monoclonal antibody. Western Blot analysis of RPS5 expression in Raw 264.7.

WB (Western Blot)
RPS5 monoclonal antibody. Western Blot analysis of RPS5 expression in PC-12.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RPS5 antibody	Antibodies; Ribosomal Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	13904870
NCBI GeneID	6193
NCBI Accession #	NP_001000
NCBI GenBank Nucleotide #	NM_001009
UniProt Accession #	P46782; Q96BN0; B2R4T2
Molecular Weight	25.3 Da (227aa) confirmed by MALDI-TOF
NCBI Official Full Name	40S ribosomal protein S5
NCBI Official Synonym Full Names	ribosomal protein S5
NCBI Official Symbol	RPS5
NCBI Official Synonym Symbols	S5
NCBI Protein Information	40S ribosomal protein S5
UniProt Protein Name	40S ribosomal protein S5
UniProt Gene Name	**RPS5**
UniProt Entry Name	RS5_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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/rps5-antibody-clone-4h3-immunofluorescence-western-blot-elisa/25822