

Mouse anti-Human RPS7 Monoclonal Antibody

RPS7 (40S Ribosomal Protein S7)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14787	Mouse	Human	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

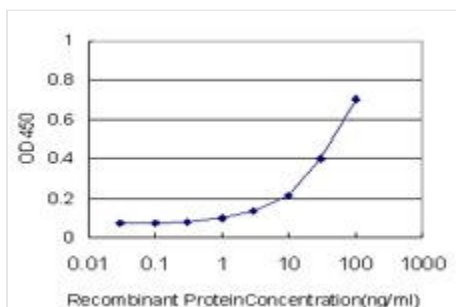
PRODUCT SYNONYMS

RPS7; Monoclonal Antibody; RPS7 (40S Ribosomal Protein S7); Anti -RPS7 (40S Ribosomal Protein S7); anti-RPS7 antibody

PRODUCT SPECIFICATIONS

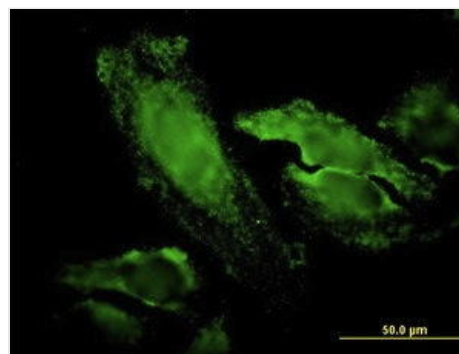
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3G4
Specificity	Recognizes human RPS7. Species sequence homology: mouse and rat.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Applicable Applications for anti-RPS7 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Suitable for use in ELISA, Western Blot, Immunofluorescence and Immunohistochemistry. Dilution: Immunofluorescence: 20ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 5ug/ml
Immunogen	Recombinant corresponding to aa95-195 from human RPS7 with GST tag. MW of the GST tag alone is 26kD.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



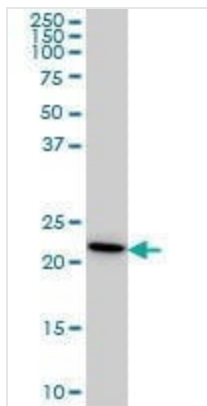
Application Data

Detection limit for recombinant GST tagged RPS7 is approximately 1ng/ml as a capture antibody.



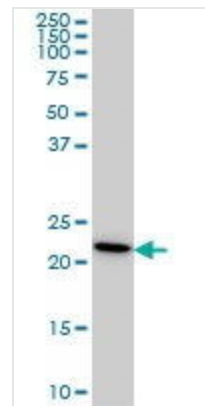
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to RPS7 on HeLa cell (antibody concentration 20ug/ml).



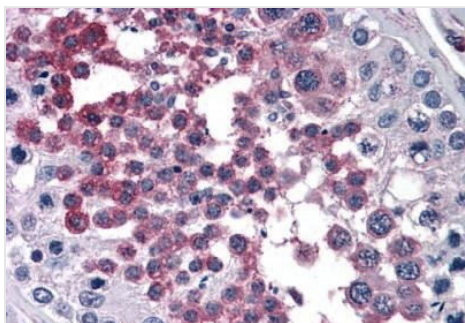
WB (Western Blot)

RPS7 monoclonal antibody. Western Blot analysis of RPS7 expression in NIH/3T3.



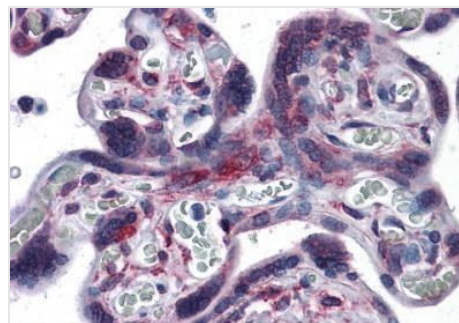
WB (Western Blot)

RPS7 monoclonal antibody Western Blot analysis of RPS7 expression in HeLa.



IHC (Immunohistochemistry)

Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-RPS7 antibody	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 40S subunit. The protein belongs to the S7E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Product Categories/Family for anti-RPS7 antibody	Antibodies ; Abs to Ribosomal Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	525312520
NCBI Official Full Name	rps7 (chloroplast)

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://www.aaabiotech.com/monoclonal/rps7-antibody-clone-3g4-western-blot-immunohistochemistry-immunofluorescence-elisa/14787>