Mouse PUS7 Monoclonal Antibody | anti-PUS7 antibody

PUS7 antibody

CATALOG #	HOST	APPLICATIONS
AAA107443	**Mouse**	**Western Blot, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

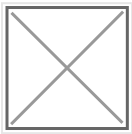
PUS7; Monoclonal Antibody; PUS7 antibody; Monoclonal PUS7; Anti-PUS7; Pseudouridylate Synthase 7 Homolog; FLJ20485; KIAA1897; MGC17720; PUS 7; PUS-7; anti-PUS7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4H5
Purity/Purification	PUS7 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	661
Applicable Applications for anti-PUS7 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	PUS7 is involved in RNA binding, pseudouridine synthase activity and isomerase activity.
Cross-Reactivity	Human, Dog, Monkey
Immunogen	PUS7 antibody was raised in mouse using a full length recombinant protein of human PUS7 (NP_061915) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PUS7 protein (Right) or empty vector (Left) detected with PUS7 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of Hela cells using PUS7 antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PUS7 antibody	Mouse monoclonal PUS7 antibody
Product Categories/Family for anti-PUS7 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	50727002
NCBI GeneID	54517
NCBI Accession #	NP_061915
NCBI GenBank Nucleotide #	NM_019042.3
UniProt Accession #	Q96PZ0; Q75MG4; Q9NX19
Molecular Weight	75,035 Da
NCBI Official Full Name	pseudouridylate synthase 7 homolog
NCBI Official Synonym Full Names	pseudouridylate synthase 7 (putative)
NCBI Official Symbol	PUS7
NCBI Protein Information	pseudouridylate synthase 7 homolog
UniProt Protein Name	Pseudouridylate synthase 7 homolog
UniProt Gene Name	**PUS7**
UniProt Synonym Gene Names	KIAA1897
UniProt Entry Name	PUS7_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/pus7-antibody-clone-4h5-western-blot-flow-cytometry-elisa/107443