

Mouse anti-Human DDX27 Monoclonal Antibody | anti-DDX27 antibody

Mouse monoclonal antibody Anti-Human DDX27

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36388	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunocytochemistry, Dot Blot

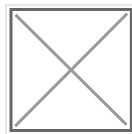
PRODUCT SYNONYMS

DDX27; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human DDX27; Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 27 (DDX27); RHLP; Rrp3p; PP3241; HSPC259; MGC1018; FLJ12917; FLJ20596; FLJ22238; dJ686N3.1; DKFZp667N057; anti-DDX27 antibody

PRODUCT SPECIFICATIONS

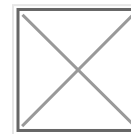
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2251C2a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	2711
Applicable Applications for anti-DDX27 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-DDX27 mAb. [Lot No. 2251C2a-1]



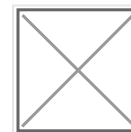
FCM/FACS (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-DDX27 mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. 2251C2a-1]



WB (Western Blot)

Detection of DDX27 by Western blot. Samples: Whole cell lysate from human HeLa (H, 25 ug) and mouse NIH3T3 (M, 25 ug) cells. [Lot No. 2251C2a-1] Predicted molecular weight: 89 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-DDX27 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX27 antibody	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, the function of which has not been determined. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224593277
NCBI GeneID	55661
NCBI Accession #	NP_060365.7
NCBI GenBank Nucleotide #	NM_017895
Molecular Weight	89,835 Da
NCBI Official Full Name	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 27 (DDX27), mRNA
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27
NCBI Official Symbol	DDX27
NCBI Official Synonym Symbols	DRS1; RHP; Drs1p; PP3241; HSPC259; dJ686N3.1
NCBI Protein Information	probable ATP-dependent RNA helicase DDX27; DEAD box protein 27; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 27; Deficiency of ribosomal subunits protein 1 homolog; RNA helicase-like protein
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX27
UniProt Gene Name	DDX27
UniProt Entry Name	DDX27_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/ddx27-antibody-clone-2251c2a-flow-cytometry-western-blot-immunocytochemistry-dot-blot-elisa/36388>