

Mouse anti-Human DHX58 Monoclonal Antibody | anti-DHX58 antibody

DHX58 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312047	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

DHX58; Monoclonal Antibody; DHX58 Antibody; D11LGP2 antibody; D11lgp2e antibody; DEXH (Asp Glu X His) box polypeptide 58 antibody; DEXH box polypeptide 58 antibody; DHX 58 antibody; DHX58 antibody; DHX58_HUMAN antibody; LGP 2 antibody; LGP2 antibody; Ortholog of mouse D11lgp2 antibody; Probable ATP dependent helicase LGP2 antibody; Probable ATP dependent RNA helicase DHX58 antibody; Probable ATP-dependent helicase LGP2 antibody; Probable ATP-dependent RNA helicase DHX58 antibody; Protein D11Lgp2 homolog antibody; RIG-I-like receptor LGP2 antibody; RLR antibody; RNA helicase LGP2 antibody; anti-DHX58 antibody

PRODUCT SPECIFICATIONS

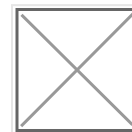
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	A3-A6
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DHX58 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



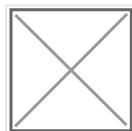
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells with DHX58 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



WB (Western Blot)

Western blot analysis of DHX58 on HEK293 (1) and DHX58-hlgGfC transfected HEK293 (2) cell lysate using anti-DHX58 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of DHX58 on human DHX58 recombinant protein using anti-DHX58 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DHX58 antibody	Helicases are enzymes that catalyze the separation of double stranded DNA or RNA by utilizing ATP. LGP2, also known as probable ATP-dependent RNA helicase DHX58, is a 678 amino acid protein belonging to the helicase family. LGP2 acts as a negative regulator of host innate immune defense against viruses by binding dsRNA produced during viral replication. The repressor domain of LGP2 binds to RIG-I, a signaling protein involved in host defenses against hepatitis C virus (HCV). By preventing RIG-I multimerization, LGP2 negatively regulates RIG-I-mediated signaling. Localized to the cytoplasm, LGP2 contains one helicase ATP-binding domain and one helicase C-terminal domain.
Product Categories/Family for anti-DHX58 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119581202
NCBI GeneID	79132
UniProt Accession #	Q96C10; Q9HAM6
Molecular Weight	76,613 Da
NCBI Official Full Name	likely ortholog of mouse D11lgp2, isoform CRA_b
NCBI Official Synonym Full Names	DEXH (Asp-Glu-X-His) box polypeptide 58
NCBI Official Symbol	DHX58
NCBI Official Synonym Symbols	LGP2; RLR-3; D11LGP2; D11lgp2e
NCBI Protein Information	probable ATP-dependent RNA helicase DHX58; RLR; RNA helicase LGP2; RIG-I-like receptor 3; protein D11Lgp2 homolog; RIG-I-like receptor LGP2; ortholog of mouse D11lgp2; probable ATP-dependent helicase LGP2
UniProt Protein Name	Probable ATP-dependent RNA helicase DHX58
UniProt Gene Name	DHX58
UniProt Synonym Gene Names	D11LGP2E; LGP2; RLR-3; RLR
UniProt Entry Name	DHX58_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/dhx58-antibody-clone-a3-a6-flow-cytometry-western-blot-elisa/312047>