

Mouse DCXR Monoclonal Antibody | anti-DCXR antibody

DCXR antibody

CATALOG # AAA106384	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

DCXR; Monoclonal Antibody; DCXR antibody; Monoclonal DCXR; Anti-DCXR; Dicarbonyl/L-Xylulose Reductase; DCR; HCR11; KIDCR; P34H; anti-DCXR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4D11
Purity/Purification	DCXR 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	244
Applicable Applications for anti-DCXR antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DCXR is an enzyme that has both diacetyl reductase and L-xylulose reductase activities. DCXR is an enzyme that has both diacetyl reductase and L-xylulose reductase activities.
Cross-Reactivity	Human
Immunogen	DCXR antibody was raised in mouse using a full length recombinant protein of human DCXR (NP_057370) 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



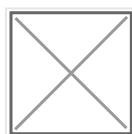
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant DCXR protein using DCXR antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of DCXR protein in paraffin embedded Carcinoma of Human liver tissue using DCXR antibody



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DCXR antibody	Mouse monoclonal DCXR antibody
Product Categories/Family for anti-DCXR antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705925
NCBI GeneID	51181
NCBI Accession #	NP_057370
NCBI GenBank Nucleotide #	NM_016286.3
UniProt Accession #	Q7Z4W1; Q9BTZ3; Q9UHY9
Molecular Weight	25,913 Da
NCBI Official Full Name	L-xylulose reductase isoform 1
NCBI Official Synonym Full Names	dicarbonyl/L-xylulose reductase
NCBI Official Symbol	DCXR
NCBI Official Synonym Symbols	XR; DCR; HCR2; P34H; HCR1I; KIDCR; PNTSU; SDR20C1
NCBI Protein Information	L-xylulose reductase
UniProt Protein Name	L-xylulose reductase
UniProt Gene Name	DCXR
UniProt Synonym Gene Names	SDR20C1; XR; kiDCR
UniProt Entry Name	DCXR_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/dcxr-antibody-clone-4d11-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106384>