

ARG57171 anti-DECR1 antibody [3B2]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [3B2] recognizes DECR1
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	3B2
Isotype	IgG2b, kappa
Target Name	DECR1
Species	Human
Immunogen	Recombinant fragment around aa. 35-335 of Human DECR1
Conjugation	Un-conjugated
Alternate Names	Short chain dehydrogenase/reductase family 18C member 1; 2,4-dienoyl-CoA reductase, mitochondrial; 4-enoyl-CoA reductase [NADPH]; EC 1.3.1.34; NADPH; SDR18C1; 2,4-dienoyl-CoA reductase [NADPH]; DECR

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

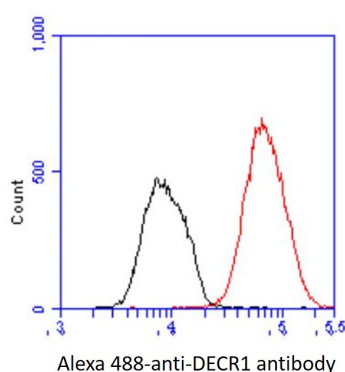
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

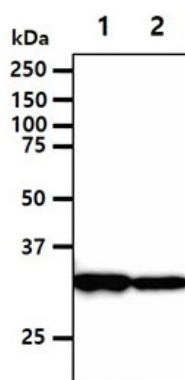
Database links	GeneID: 1666 Human Swiss-port # Q16698 Human
Gene Symbol	DECR1
Gene Full Name	2,4-dienoyl CoA reductase 1, mitochondrial
Background	This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters. [provided by RefSeq, Jul 2008]
Function	Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. [UniProt]
Calculated Mw	36 kDa

Images



ARG57171 anti-DECR1 antibody [3B2] FACS image

Flow Cytometry: Hep3B cell line stained with ARG57171 anti-DECR1 antibody [3B2] at 2-5 μ g for 1×10^6 cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody: Mouse IgG (black line).



ARG57171 anti-DECR1 antibody [3B2] WB image

Western blot: 40 μ g of 1) PC3, and 2) HepG2 cell lysates stained with ARG57171 anti-DECR1 antibody [3B2] at 1:1000.