



Anti-LDLR monoclonal antibody, clone 583524 (DCABY-3922)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View LDL Receptor IHC images.
Specificity	Detects human LDL R in ELISAs and Western blots. Indirect ELISAs and Western blots, no cross-reactivity with recombinant mouse (rm)LDL R, recombinant human LRP-5, or rmLRP-6 is observed.
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human LDL R. Ala22-Arg788 Accession Number P01130
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	583524
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, Flow Cytometry, Immunoprecipitation, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	LDLR low density lipoprotein receptor [Homo sapiens (human)]
Official Symbol	LDLR
Synonyms	LDLR; low density lipoprotein receptor; FH; FHC; LDLCQ2; low-density lipoprotein receptor; LDL receptor; low-density lipoprotein receptor class A domain-containing protein 3;
Entrez Gene ID	3949
Protein Refseq	NP_000518
UniProt ID	A0A024R7D5
Chromosome Location	19p13.2
Pathway	Bile secretion; Chylomicron-mediated lipid transport; DNA damage response (only ATM dependent); Disease; Diseases associated with visual transduction; Endocytosis; Hepatitis C; LDL-mediated lipid transport;
Function	calcium ion binding; glycoprotein binding; low-density lipoprotein particle binding; low-density lipoprotein receptor activity; protein binding; very-low-density lipoprotein particle receptor activity;