

Human DARC blocking peptide (CDBP1067)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Duffy/FY/DARC antibody
Antigen Description	The protein encoded by this gene is a glycosylated membrane protein and a non-specific receptor for several chemokines. The encoded protein is the receptor for the human malarial parasites Plasmodium vivax and Plasmodium knowlesi. Polymorphisms in this gene are the basis of the Duffy blood group system. Two transcript variants encoding different isoforms have been found for this gene.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	DARC Duffy blood group, chemokine receptor [Homo sapiens]
Official Symbol	DARC
Synonyms	DARC; Duffy blood group, chemokine receptor; Duffy blood group , FY; Duffy

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	antigen/chemokine receptor; CCBP1; CD234; Dfy; GPD; glycoprotein D; Fy glycoprotein; Duffy blood group antigen; plasmodium vivax receptor; FY; GpFy; WBCQ1;
Entrez Gene ID	2532
mRNA Refseq	NM_001122951
Protein Refseq	NP_001116423
UniProt ID	Q16570
Chromosome Location	1q21-q22
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Other, organism-specific biosystem; Malaria, organism-specific biosystem; Malaria, conserved biosystem; Peptide GPCRs, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem;
Function	C-C chemokine binding; G-protein coupled receptor activity; chemokine receptor activity; receptor activity; signal transducer activity; transmembrane signaling receptor activity;

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