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## Datasheet for ABIN7145067 anti-DARC antibody (AA 1-63) (Biotin)



Overview

Quantity:	100 µg
Target:	DARC
Binding Specificity:	AA 1-63
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DARC antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Atypical chemokine receptor 1 protein (1-63AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	DARC
Alternative Name:	ACKR1 (DARC Products)
Background:	Background: Atypical chemokine receptor that controls chemokine levels and localization via
	high-affinity chemokine binding that is uncoupled from classic ligand-driven signal transduction

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN7145067 | 09/10/2023 | Copyright antibodies-online. All rights reserved. cascades, resulting instead in chemokine sequestration, degradation, or transcytosis. Also known as interceptor (internalizing receptor) or chemokine-scavenging receptor or chemokine decoy receptor. Has a promiscuous chemokine-binding profile, interacting with inflammatory chemokines of both the CXC and the CC subfamilies but not with homeostatic chemokines. Acts as a receptor for chemokines including CCL2, CCL5, CCL7, CCL11, CCL13, CCL14, CCL17, CXCL5, CXCL6, IL8/CXCL8, CXCL11, GR0, RANTES, MCP-1, TARC and also for the malaria parasites P.vivax and P.knowlesi. May regulate chemokine bioavailability and, consequently, leukocyte recruitment through two distinct mechanisms: when expressed in endothelial cells, it sustains the abluminal to luminal transcytosis of tissue-derived chemokines and their subsequent presentation to circulating leukocytes, when expressed in erythrocytes, serves as blood reservoir of cognate chemokines but also as a chemokine sink, buffering potential surges in plasma chemokine levels.

Aliases: ACKR1 antibody, Atypical chemokine receptor 1 antibody, CCBP1 antibody, CD234 antibody, DARC antibody, Dfy antibody, Duffy antigen/chemokine receptor antibody, duffy blood group antibody, Duffy blood group antigen antibody, Duffy blood group chemokine receptor antibody, DUFFY\_HUMAN antibody, FY antibody, Fy glycoprotein antibody, Glycoprotein D antibody, GPD antibody, GpFy antibody, Plasmodium vivax receptor antibody, WBCQ1 antibody

UniProt:

Q16570

## **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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