

DARC rabbit monoclonal antibody

Catalog # H00002532-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DARC peptide using ARM Technology.
Immunogen	A synthetic peptide of human DARC is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DARC peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DARC

Entrez GeneID	2532
GeneBank Accession#	DARC
Gene Name	DARC
Gene Alias	CCBP1, CD234, Dfy, FY, GPD, GpFy, WBCQ1
Gene Description	Duffy blood group, chemokine receptor
Omim ID	110700 611162
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	Duffy antigen/chemokine receptor Duffy blood group antigen Fy glycoprotein OTTHUMP00000035293 OTTHUMP00000060081 glycoprotein D

Disease

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- [Asthma](#)
- [Atherosclerosis](#)
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- [Blood Group Incompatibility](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)

- [Disease Susceptibility](#)
- [Ductus Arteriosus](#)
- [Edema](#)
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- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
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- [Kidney Diseases](#)
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- [Lung Diseases](#)
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