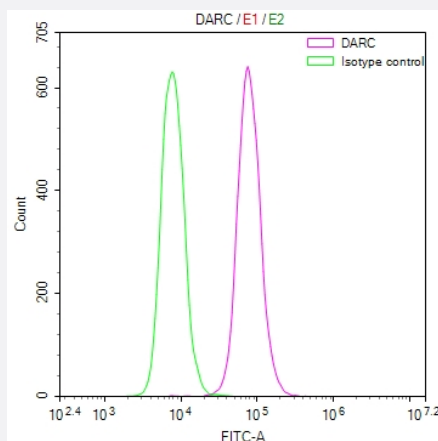


RecomAb™

DARC recombinant monoclonal antibody, clone 18B11

Catalog # RAB07730 Size 100 uL

Applications



Flow Cytometry

Overlay Peak curve showing 293 cells stained with DARC recombinant monoclonal antibody, clone 18B11 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DARC.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human DARC.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)

Storage Instruction

Store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Overlay Peak curve showing 293 cells stained with DARC recombinant monoclonal antibody, clone 18B11 (red line) at 1:50.

Gene Info — DARC

Entrez GeneID[2532](#)**Protein Accession#**[Q16570](#)**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

- [Acute Disease](#)
- [Anemia](#)

- [Asthma](#)
- [Atherosclerosis](#)
- [Behcet Syndrome](#)
- [Blood Group Incompatibility](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Elliptocytosis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infant](#)
- [Kidney Diseases](#)
- [Leukopenia](#)
- [Lung Diseases](#)
- [Malaria](#)
- [Nervous System Diseases](#)
- [Neutropenia](#)
- [Rh Isoimmunization](#)
- [Schizophrenia](#)