

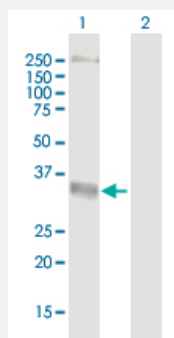
MaxPab®

FY purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002532-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DARC expression in transfected 293T cell line ([H00002532-T01](#)) by DARC MaxPab polyclonal antibody.

Lane 1: FY transfected lysate(37.07 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human FY protein.

Immunogen

FY (AAH17817, 1 a.a. ~ 336 a.a) full-length human protein.

Sequence

MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCNLLDDDSALP
FFILTSVLGILASSTVLSMLFRPLFRWQLCPGWVLAQLAVGSALFSMVVPLAPGLGSTRSSALC
SLGYCVWYGSAFAQALLLGCHASLGHR LGAGQVPGLTLGLTVGWGVAALLTLPVTLASGASGGL
CTLIYSELKALQATHTVACLAIFVLLPLGLFGAKGLKKALGMGPGPWMNILWAWFIFWWPHGVVL
GLDFLVRSKLLLLSTCLAQQALDLLNLAEALAILHCVATPLLLALFCHQATRLLPSLPLPEGWFS
HLDTLGSKS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (59); Rat (60)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

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[Protocol Download](#)

Gene Info — DARC

Entrez GeneID [2532](#)

GeneBank Accession# [BC017817](#)

Protein Accession# [AAH17817](#)

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](#)