

Rabbit anti-Human DARC Polyclonal Antibody | anti-DARC antibody

Rabbit Polyclonal (IgG) to Human DARC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51961	Rabbit	Human	ELISA, Immunofluorescence, Immunohistochemistry

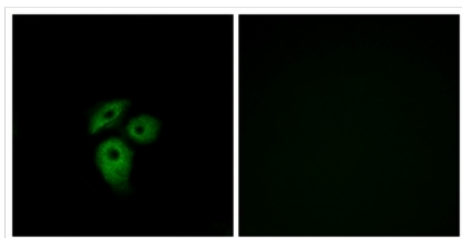
PRODUCT SYNONYMS

DARC; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human DARC; Anti-DARC Antibody (aa1-50) IHC-plus; CD234; CD234 antigen; Duffy antigen; Duffy blood group; Duffy group antigen; Dfy; FY; Fy glycoprotein; Plasmodium vivax receptor; WBCQ1; CCBP1; Duffy blood group antigen; Glycoprotein D; GPD; GpFy; Human DARC; anti-DARC antibody

PRODUCT SPECIFICATIONS

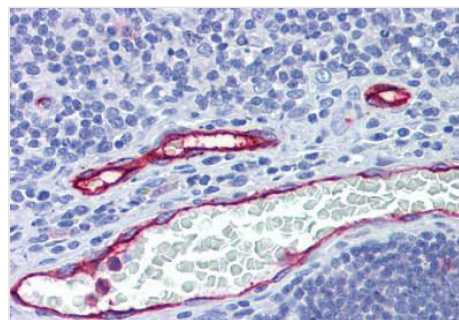
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CD234 Antibody detects endogenous levels of total CD234 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	336
Applicable Applications for anti-DARC antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human DARC (aa1-50).
Immunogen	DARC antibody was raised against synthetic peptide from human DARC (aa1-50).
Antigen Modification	aa1-50
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of A549 cells, using CD234 Antibody. The picture on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)

Anti-DARC antibody IHC of human thymus, vessels. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-DARC antibody	Duffy blood group antigens, part of the Chemokine Receptor family, appear to be multimeric erythrocyte-membrane protein receptors composed of different subunits. A glycoprotein, GPD, is the major subunit of the protein complex. Other components include the Rh, PGM1, Fy, and PEPC proteins. Duffy antigen is expressed by red blood cells, by postcapillary venule endothelium throughout the body, except in the liver, and by Purkinje cells of the cerebellum.
Product Categories/Family for anti-DARC antibody	Family: GPCR; Subfamily: Chemokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	42822887
NCBI GeneID	2532
NCBI Accession #	NP_002027.2
NCBI GenBank Nucleotide #	NM_002036.3
UniProt Accession #	Q16570; O75898; Q16300; Q8WWE3; Q9UJP0; Q9UKZ5; Q9UKZ6; Q9UQE1; A8YPG5
Molecular Weight	35,678 Da
NCBI Official Full Name	atypical chemokine receptor 1 isoform b
NCBI Official Synonym Full Names	atypical chemokine receptor 1 (Duffy blood group)
NCBI Official Symbol	ACKR1
NCBI Official Synonym Symbols	FY; Dfy; GPD; DARC; GpFy; CCBP1; CD234; WBCQ1
NCBI Protein Information	atypical chemokine receptor 1; glycoprotein D; Fy glycoprotein; Duffy blood group antigen; plasmodium vivax receptor; Duffy blood group, chemokine receptor; Duffy blood group, atypical chemokine receptor
UniProt Protein Name	Atypical chemokine receptor 1
UniProt Gene Name	ACKR1
UniProt Synonym Gene Names	DARC; FY; GPD; GpFy
UniProt Entry Name	ACKR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/darc-antibody-immunofluorescence-immunohistochemistry-elisa/51961>