

## Duffy Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP02748
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DARC. AA range: 1-50
Mol wt	35553
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IF, ELISA
Concentration	1 mg/ml
Full name	Duffy Antibody
Synonyms	DARC; FY; GPD; Duffy antigen/chemokine receptor; Fy glycoprotein; GpFy; Glycoprotein D; Plasmodium vivax receptor; CD antigen CD234

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The atypical chemokine receptor 1 (Duffy blood group) encoded by ACKR1 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.

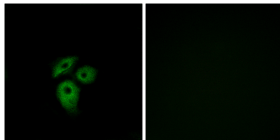
### Recommended Dilution

IF: 1: 200 - 1: 1000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for one year