



## Rabbit Anti-DARC antibody

SL10711R

<b>Product Name:</b>	DARC
<b>Chinese Name:</b>	Duffy血型Chemokine受体抗体
<b>Alias:</b>	CCBP1; CD234; CD234 antigen; DARC; Dfy; Duffy antigen/chemokine receptor; Duffy blood group; DUFFY_MOUSE; FY antibody Fy glycoprotein; Glycoprotein D; GPD; GpFy; Human Duffy blood group antigen (Fya-b+) mRNA complete cds; Plasmodium vivax receptor; WBCQ1; DUFFY_MOUSE.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Rat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	37kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DARC:61-150/336<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Non-specific receptor for many chemokines such as IL-8, GRO, RANTES, MCP-1 and TARC. It is also the receptor for the human malaria parasites Plasmodium vivax and Plasmodium knowlesi.

**Function:**

Non-specific receptor for many chemokines.

**Subcellular Location:**

Membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Expressed in liver and brain.

**Similarity:**

Belongs to the G-protein coupled receptor Duffy family.

**SWISS:**

Q16570

**Gene ID:**

2532

**Database links:**

[Entrez Gene: 2532](#)Human

[Entrez Gene: 13349](#)Mouse

[Entrez Gene: 681489](#)Rat

[Omim: 110700](#)Human

[SwissProt: Q16570](#)Human

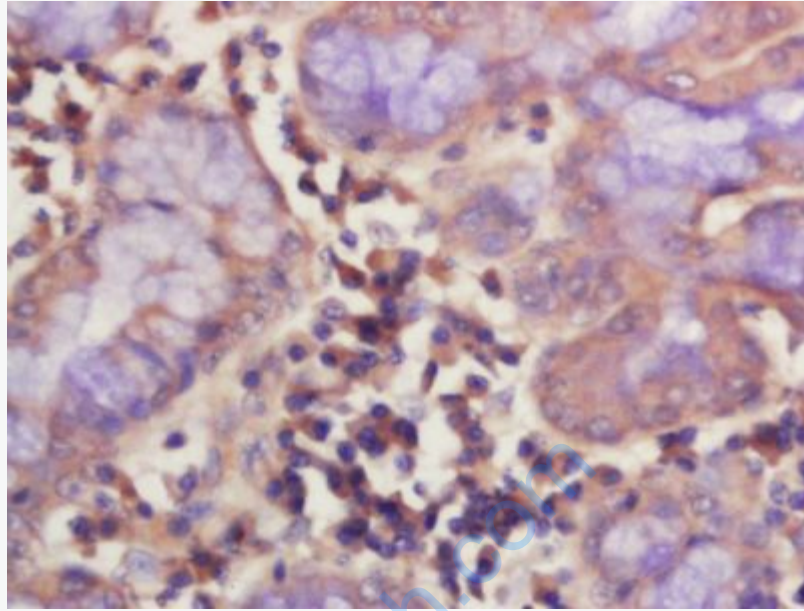
[SwissProt: Q9QUI6](#)Mouse

[Unigene: 153381](#)Human

[Unigene: 6393](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

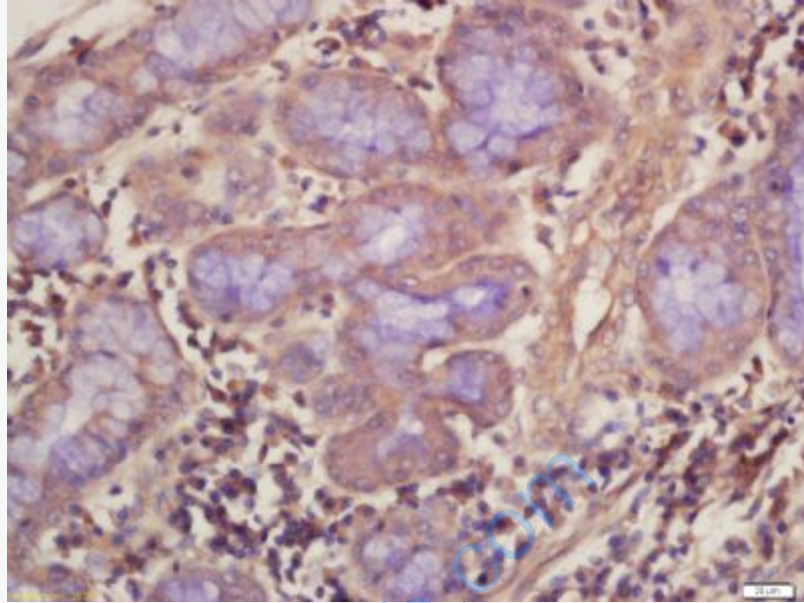


**Picture:**

Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-DARC Polyclonal Antibody, Unconjugated(SL10711R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat colon tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-DARC Polyclonal Antibody, Unconjugated(SL10711R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining