

Datasheet for ABIN7439006
anti-DARC antibody (AA 71-330)

3 Images

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Overview

Quantity:	100 µL
Target:	DARC
Binding Specificity:	AA 71-330
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DARC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Duffy Blood Group Chemokine Receptor (DARC)
Immunogen:	Recombinant Duffy Blood Group Chemokine Receptor (DARC) corresponding to Met71~Leu330 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against DARC. It has been selected for its ability to recognize DARC in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	DARC
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Target Details

Alternative Name: Duffy Blood Group Chemokine Receptor ([DARC Products](#))

Background: CD234, CCBP1, Dfy, FY, GPD, Duffy Antigen, Ackr1

Application Details

Application Notes: Western blotting: 0.5-2 µg/mL
1:500-2000 Immunohistochemistry: 5-20 µg/mL
1:50-200 Immunocytochemistry: 5-20 µg/mL
1:50-200 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

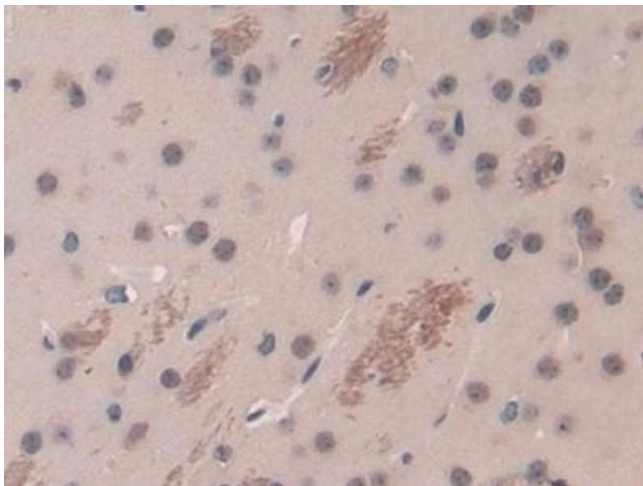
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

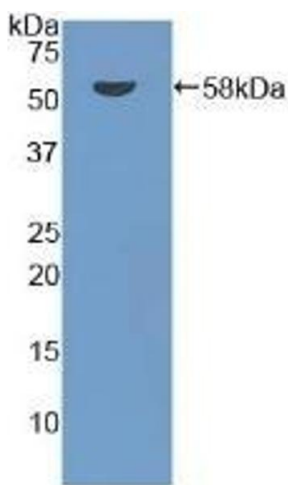
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



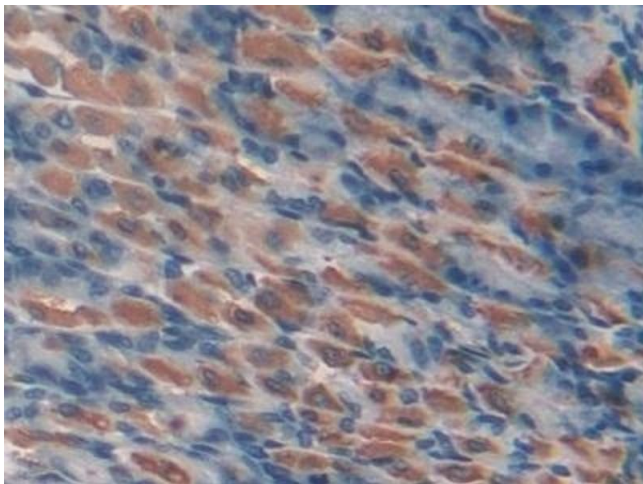
Immunohistochemistry

Image 1. Detection of DARC in Mouse Cerebrum Tissue using Polyclonal Antibody to Duffy Blood Group Chemokine Receptor (DARC)



Western Blotting

Image 2. Detection of Recombinant DARC, Mouse using Polyclonal Antibody to Duffy Blood Group Chemokine Receptor (DARC)



Immunohistochemistry

Image 3. Detection of DARC in Mouse Stomach Tissue using Polyclonal Antibody to Duffy Blood Group Chemokine Receptor (DARC)