

For Research Use Only

Darc Recombinant monoclonal antibody

Catalog Number: 87728-1-RR



Basic Information

Catalog Number:

87728-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC005583

GeneID (NCBI):

13349

UNIPROT ID:

Q9QUI6

Full Name:

Duffy blood group, chemokine receptor

Observed MW:

38kDa, 43 kDa

Purification Method:

Protein A purification

CloneNo.:

253012E10

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293 cells, HEK-293, TF-1, K-562 cells

Background Information

Mouse Darc (Ackr1) is an atypical chemokine receptor expressed predominantly on erythrocytes and endothelial cells, where it binds diverse inflammatory chemokines without classical GPCR signaling. By functioning as a chemokine reservoir and transporter, Ackr1 regulates chemokine gradients and leukocyte trafficking during inflammation. Studies in Ackr1-deficient mice highlight its role in immune homeostasis and neutrophil recruitment, establishing Darc as an important regulator of systemic chemokine availability and inflammatory responses.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

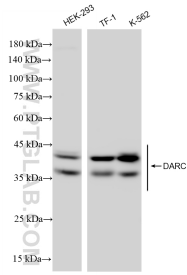
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87728-1-RR (Darc antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.