

For Research Use Only

Mouse CXCR1/IL-8RA Recombinant monoclonal antibody, PBS Only

Catalog Number:87819-1-PBS



Basic Information

Catalog Number:

87819-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC153097

GeneID (NCBI):

227288

UNIPROT ID:

Q810W6

Full Name:

interleukin 8 receptor, alpha

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

252418E9

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse

Background Information

Mouse Il8ra/Cxcr1 is a Gi-coupled ELR+ CXC chemokine receptor expressed mainly on neutrophils, where it contributes to chemotaxis, activation, and inflammatory host defense. Because mice lack a direct IL-8/CXCL8 ortholog, the historical name Il8ra does not fully reflect murine ligand biology, and Cxcr1 is generally considered a more restricted, context-dependent receptor relative to Cxcr2. This distinction is important when using mouse models to study neutrophil trafficking and translational CXCR1 biology.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

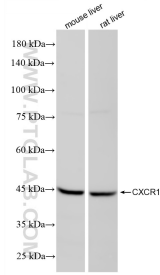
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87819-1-RR (Il8ra(CXCR1) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87819-1-PBS in a different storage buffer formulation.