For Research Use Only

Rat CD71 Recombinant monoclonal antibody, PBS Only

Catalog Number:88972-1-PBS

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Basic Information

Catalog Number:
88972-1-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG9774

GenBank Accession Number:
NM_022712.1

GeneID (NCBI):
64678

UNIPROT ID:
Q99376

Full Name:
transferrin receptor

Calculated MW:
86 kDa

Observed MW:
90-100 kDa

Purification Method:
Protein A purification

CloneNo.:
261393B12

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

CD71, also known as transferrin receptor protein 1 (TfR1), is a transmembrane glycoprotein composed of two disulfide-linked monomers, each of 90 kDa molecular weight. Each monomer binds one holo-transferrin molecule creating an iron-Tf-TfR complex that enters the cell by endocytosis. CD71 is present on actively proliferating cells and is essential for iron transport into proliferating cells.

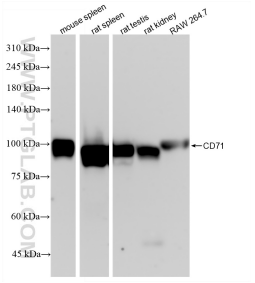
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

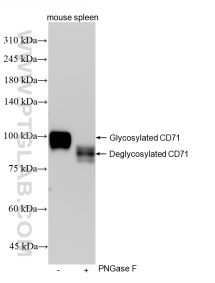
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 88972-1-RR (CD71 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88972-1-PBS in a different storage buffer formulation.



Untreated and PNGase F-treated lysates of mouse spleen tissue were subjected to SDS PAGE followed by western blot with 88972-1-RR (CD71 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88972-1-PBS in a different storage buffer formulation.