

Recombinant Transferrin Receptor 1 Monoclonal Antibody

Catalog Number:E-AB-81490



Note: Centrifuge before opening to ensure complete recovery of vial contents.

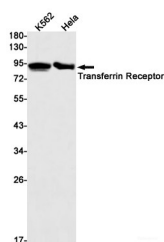
Description

Reactivity	Human
Immunogen	Recombinant protein of human Transferrin Receptor
Host	Rabbit
Isotype	IgG
Clone	R08-6H2
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

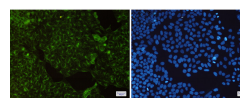
WB	1:500-1:1000
IF	1:20-1:200

Data



Western blot detection of Transferrin Receptor in K562, Hela cell lysates using Transferrin Receptor Rabbit mAb(1:1000 diluted). Predicted band size: 84kDa. Observed band size: 90kDa.

Observed Mw:90kDa
Calculated Mw:84kDa



Immunofluorescence of Transferrin Receptor (green) in Hela cells using Transferrin Receptor Rabbit mAb at dilution 1:200, and DAPI (blue)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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 which enters the cell by endocytosis. CD71 is present on actively proliferating cells and is essential for iron transport into proliferating cells.

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