

Recombinant Transferrin Receptor 1 Monoclonal Antibody

catalog number: **E-AB-81490**

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

Description

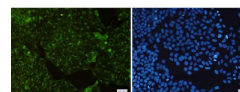
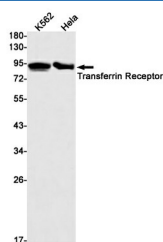
Reactivity	Human
Immunogen	Recombinant protein of human Transferrin Receptor
Host	Rabbit
Isotype	IgG
Clone	R08-6H2
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

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: 84 kDa. Observed band size: 90 kDa.

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

Observed-MW: 90 kDa

Calculated-MW: 84 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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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