Recombinant Transferrin Receptor 1 Monoclonal Antibody

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

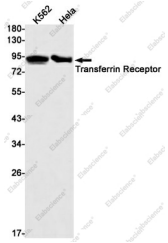
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant protein of human Transferrin Receptor
Host	Rabbit
Isotype	Rabbit IgG
Clone	C373276
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

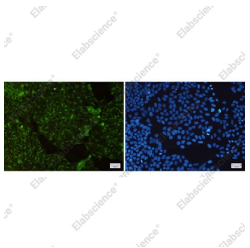
Data



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

Observed-MW:90 kDa

Calculated-MW:84 kDa



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 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 disulfid e-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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