

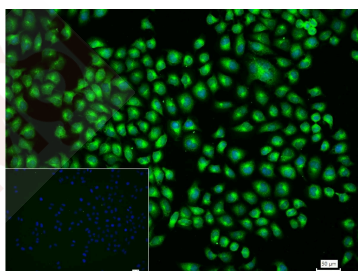
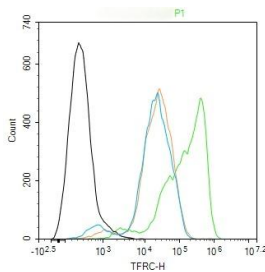
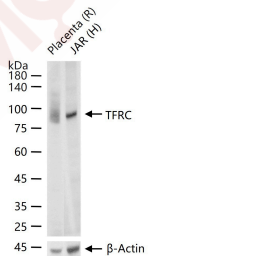
Anti-Transferrin Receptor/TFRC Antibody (4F227)

Product Details

Ig Type: IgG
Reactivity: Human,Rat (predicted:Mouse)
Molecular Weight: Theoretical: 85 kDa. Actual: 90 kDa.
Clone: 4F227
Purification: Protein A purified

Applications

1. 25 µg total protein per Lane of various lysates probed with TFRC monoclonal antibody, unconjugated (TMAB-01889) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.
2. The Jar (H) cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at room temperature).
Verified Activity: Primary Antibody (green): Rabbit Anti-TFRC antibody (TMAB-01889): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC: 1 µg/test. Isotype Control (orange): Rabbit IgG. Blank control (black): PBS.
3. 4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at RT for 20 min; Antibody incubation with (TFRC) monoclonal Antibody, unconjugated (TMAB-01889) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nucleus. PBS instead of the primary antibody was used as the blank control.



A DRUG SCREENING EXPERT

Application: FCM,ICC/IF,WB

Recommended WB: 1:500-2000; ICC/IF: 1:50-200; FCM: 1µg/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human Transferrin receptor

Antigen Species: Human

Gene ID: 7037

Uniprot ID: P02786

Synonyms: TfR1;TFRC;TFR;CD71;T9;sTfR;TR;p90

Biology Area: Response to hypoxia,Serum Proteins,Non-lineage,Hypoxia,B Lymphocytic Lineage,T Lymphocytic Lineage,Erythrocytic Lineage,Surface Molecules

Research Background

This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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