

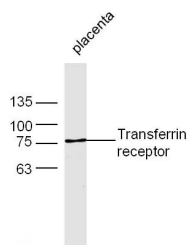
Anti-Transferrin Receptor/TFRC Polyclonal Antibody

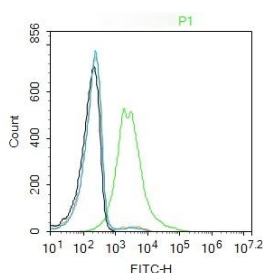
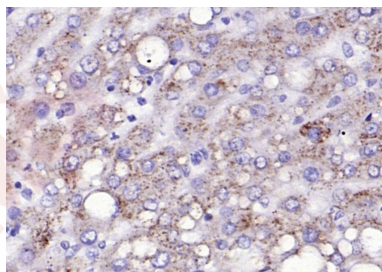
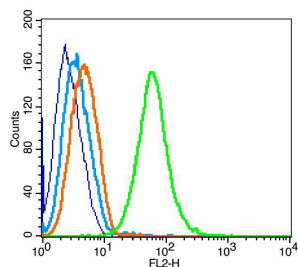
Product Details

Ig Type:	IgG
Reactivity:	Human(predicted:Mouse)
Molecular Weight:	Theoretical: 74/85 kDa. Actual: 85 kDa.
Purification:	Protein A purified

Applications

1. Sample: Placenta (Mouse) Lysate at 40 µg
 Primary: Anti-CD71/Transferrin receptor (TMAB-01887) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 74/85 kDa
 Observed band size: 75 kDa
2. Blank control (blue): Raji (fixed with 2% paraformaldehyde (10 min)). Primary Antibody: Rabbit Anti-CD71 antibody (TMAB-01887), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions); Secondary Antibody: Goat anti-rabbit IgG-Pe (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.
3. Paraformaldehyde-fixed, paraffin embedded (human liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (TFRC) Polyclonal Antibody, Unconjugated (TMAB-01887) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
4. Blank control: K562. Primary Antibody (green line): Rabbit Anti-CD71 antibody (TMAB-01887) Dilution: 1 µg/10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC Dilution: 0.5 µg/test.
- Verified Activity:
- Protocol
 The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.





Application: FCM,IF,IHC-Fr,IHC-P,WB

Recommended FCM=1 µg/Test; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

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: KLH conjugated synthetic peptide: human Transferrin receptor

Antigen Species: Human

Gene ID: 7037

Uniprot ID: P02786

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

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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