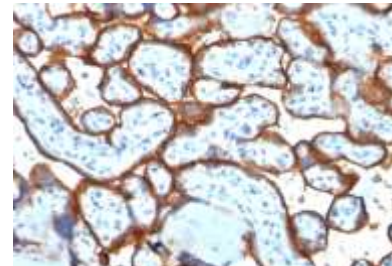


Anti-CD71 / Transferrin Receptor Antibody (TFRC/1817)

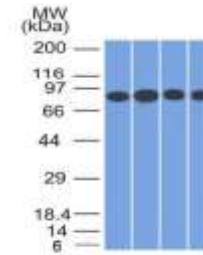
CATALOG NO:	A1559-100
ALTERNATIVE NAMES:	Mtvr-1, p90, TFR1, TFRC transferrin receptor (p90 CD71), TRFR, Transferrin receptor protein 1, TR, TfR, TFR1, Trfr, T9, CD71, sTfR, TFRC
AMOUNT:	100 µg
IMMUNOGEN:	Recombinant human TFRC protein fragment (aa94-212) (exact sequence is proprietary)
HOST/ISOTYPE:	Mouse / IgG2b, kappa
CLONALITY:	Monoclonal
CLONE:	TFRC/1817
MOL WEIGHT:	85-95 kDa (monomer); 190 kDa (dimer)
SPECIES REACTIVITY:	Human
PURIFICATION:	Protein A/G purification
FORM:	Liquid
FORMULATION:	Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide
STORAGE CONDITIONS:	Shipped at 4°C. Long term storage at -20°C.
DESCRIPTION:	It recognizes a ~90-95 kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded homodimeric glycoprotein of 180-190 kDa. This mAb is highly specific to CD71 and shows no cross-reaction with other related proteins. Ligand for transferrin receptor is the serum iron transport protein, transferrin. This receptor is broadly distributed in carcinomas, sarcomas, leukemias, and lymphomas. CD71/Transferrin receptor has been reported to be associated with cell proliferation in both normal and neoplastic tissues and useful in predicting clinical behavior or response to therapy in a number of malignancies including breast cancer.
APPLICATION:	FC: 0.5-1 µg/1X10 ⁶ cells in 0.1 ml IF: 1-2 µg/ml IHC: 1-2 µg/ml for 30 minutes at RT WB: 0.5-1.0 µg/ml

(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded Human Placenta stained with CD71 Antibody (TFRC/1817).



Western Blot Analysis of A) Jurkat (B) HeLa (C) MCF-7 & (D) K562 Cell lysate using CD71 Antibody (TFRC/1817).

RELATED PRODUCTS:

- Anti-Calnexin Antibody (CANX/1541) (Cat. No. A1461)
- Human CellExp™ CD71 / TFRC / TFR, human recombinant (Cat. No. 7279)
- Phospho-Calnexin (Ser583) Antibody (Cat. No. A1252)
- p70 S6 Kinase Antibody (Cat. No. 3485)
- Phospho-p70 S6 Kinase Antibody (Cat. No. 3505)
- TFR (Human) ELISA Kit (Cat. No. K4185)

FOR RESEARCH USE ONLY! Not to be used on humans.