

Product datasheet for **TA351573**

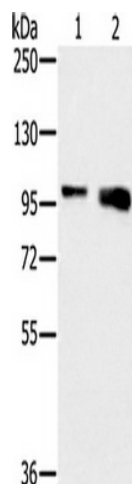
CD71 (TFRC) Rabbit Polyclonal Antibody

Product data:

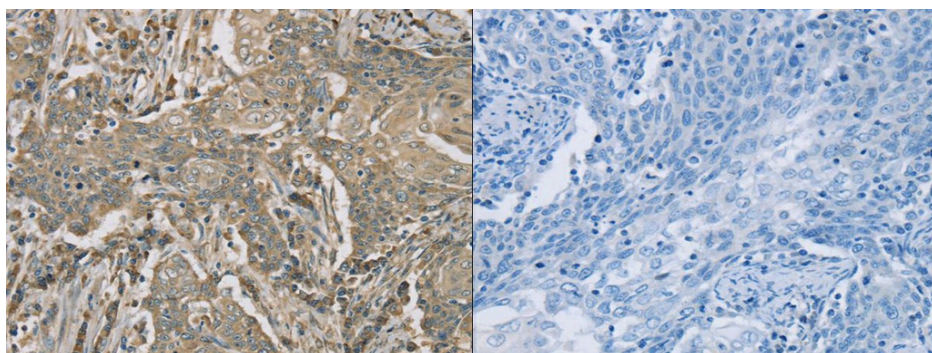
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1000-2000, WB: 200-1000, IHC: 25-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human TFRC
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	85 kDa
Gene Name:	transferrin receptor
Database Link:	NP_003225 Entrez Gene 22042 MouseEntrez Gene 64678 RatEntrez Gene 7037 Human P02786
Background:	Transferrin receptor protein 1 (TfR1) also known as (Cluster of Differentiation 71) (CD71) is a protein that in humans is encoded by the TFRC gene. TfR1 is required for iron delivery from transferrin to cells. TfR1 is a transmembrane glycoprotein composed of two disulfide-linked monomers joined by two disulfide bonds. Each monomer binds one holo-transferrin molecule creating an iron-Tf-TfR complex which enters the cell by endocytosis.
Synonyms:	CD71; IMD46; p90; T9; TFR; TFR1; TR; TRFR
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Protease, Secreted Protein, Transmembrane
Protein Pathways:	Endocytosis, Hematopoietic cell lineage



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Product images:

Gel: 6%SDS-PAGE, Lysate: 40 ug, Lane 1-2: K562 cells, Jurkat cells, Primary antibody: (TFRC Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using (TFRC Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)