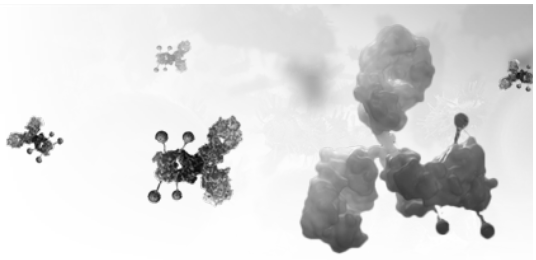

Anti-TFRC monoclonal antibody, clone DZ-UGS (DCABH-13747)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the transferrin receptor-like family and encodes a single-pass type II membrane protein with a protease associated (PA) domain, an M28 peptidase domain and a transferrin receptor-like dimerization domain. This protein mediates cellular uptake of transferrin-bound iron and mutations in this gene have been associated with hereditary hemochromatosis type III. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.
Specificity	This antibody react with human Transferrin Receptor.
Immunogen	Purified human TFRC/TFR2.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	DZ-UGS
Conjugate	Unconjugated
Applications	ELISA
Format	Lyophilized
Buffer	Lyophilized from 10 mM PBS, pH 7.2
Preservative	None
Storage	Store at -20°C.Aliquot after reconstitution to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	TFRC transferrin receptor (p90, CD71) [Homo sapiens]
Official Symbol	TFRC
Synonyms	TFRC; transferrin receptor (p90, CD71); transferrin receptor protein 1; CD71; TFR1; T9; TR; TFR; p90; TRFR;
Entrez Gene ID	7037
Protein Refseq	NP_001121620
UniProt ID	P02786
Chromosome Location	3q26.2-qter
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem;
Function	Hsp70 protein binding; chaperone binding; peptidase activity; receptor activity; transferrin receptor activity;

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