



Anti-TFRC monoclonal antibody, clone S28328 (DCABH-5607)

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

PRODUCT INFORMATION

Product Overview	Rat monoclonal to CD71 - Low endotoxin, Azide free
Antigen Description	CD71 is 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. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis.
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	S28328
Conjugate	Functional Grade
Applications	Flow Cyt, Functional Studies
Positive Control	Mouse bone marrow
Format	Liquid
Size	100 µg
Buffer	Constituent: PBS
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	Tfrc transferrin receptor [Mus musculus]
Official Symbol	Tfrc
Synonyms	TFRC; transferrin receptor; transferrin receptor protein 1; mammary tumor virus receptor 1; TR; TFR; p90; CD71; TFR1; Trfr; Mtvr1; Mtvr-1; AI195355; AI426448; AU015758; 2610028K12Rik; E430033M20Rik;
Entrez Gene ID	22042
Protein Refseq	NP_035768
UniProt ID	Q542D9
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Membrane Trafficking, organism-specific biosystem;
Function	Hsp70 protein binding; chaperone binding; iron ion transmembrane transporter activity; peptidase activity; receptor activity; transferrin receptor activity; transferrin receptor activity;