

TFRC monoclonal antibody, clone RVS-10

Catalog # MAB5627 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native TFRC.
Immunogen	Native purified TFRC from NALM-6 cells.
Host	Mouse
Reactivity	Human
Specificity	human CD71.
Form	Liquid
Isotype	IgG1
Recommend Usage	Flow Cytometry (1 ug/10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Flow Cytometry

Gene Info — TFRC

Entrez GeneID	7037
Gene Name	TFRC
Gene Alias	CD71, TFR, TFR1, TRFR

Gene Description	transferrin receptor (p90, CD71)
Omim ID	190010
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	transferrin receptor

Publication Reference

- [Molecular control of vertebrate iron metabolism: mRNA-based regulatory circuits operated by iron, nitric oxide, and oxidative stress.](#)
Hentze MW, Kuhn LC.
PNAS 1996 Aug; 93(16):8175.
- [Signal-dependent membrane protein trafficking in the endocytic pathway.](#)
Trowbridge IS, Collawn JF, Hopkins CR.
Annual Review of Cell Biology 1993 ; 9:129.
- [The transferrin receptor.](#)
Testa U, Pelosi E, Peschle C.
Crit Rev Oncog 1993 Jan; 4(3):241.

Pathway

- [Endocytosis](#)
- [Hematopoietic cell lineage](#)

Disease

- [Abortion](#)
- [Adenomatous Polyps](#)
- [Birth Weight](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hemochromatosis](#)
- [Hepatitis C](#)
- [Hereditary hemochromatosis](#)
- [Hyperparathyroidism](#)
- [Insulin Resistance](#)
- [Iron Overload](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Myeloproliferative Disorders](#)
- [Ovarian cancer](#)
- [Porphyria](#)
- [Porphyria Cutanea Tarda](#)
- [Pregnancy Complications](#)

- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)