

TFRC monoclonal antibody, clone RVS-10 (FITC)

Catalog # MAB6076

Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against native TFRC.
Immunogen	Native purified from NALM-6 cells.
Host	Mouse
Reactivity	Human
Specificity	Specificity human CD71
Form	Liquid
Conjugation	FITC
Isotype	IgG1
Recommend Usage	Flow Cytometry (10 ul/10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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](#)