TFRC monoclonal antibody, clone RVS-10 (SPRD)

Catalog # MAB6080 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	SPRD
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 shoul d be handled by trained staff only.

Applications

- Flow Cytometry

Gene Info — TFRC

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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

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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

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- Myeloproliferative Disorders
- Ovarian cancer
- Porphyria
- Porphyria Cutanea Tarda
- Pregnancy Complications
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome

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