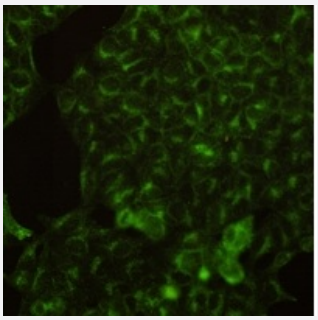
RecomAb™ Sm Size

TFRC recombinant monoclonal antibody

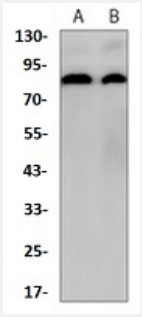
Catalog # RAB09220 Size 50 uL

Applications



Immunofluorescence

Immunofluorescent analysis of HeLa cells with TFRC recombinant monoclonal antibody (Cat # RAB09220). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



Western Blot (Cell lysate)

Western blot analysis of K562 (A), Hela (B) whole cell lysates with TFRC recombinant monoclonal antibody (Cat # RAB09220).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TFRC.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein of human TFRC.
Theoretical MW (kDa)	90
Reactivity	Human

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Specificity	Recognizes endogenous levels of CD71 protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:100) Immunofluorescence (1:50-1:100) Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

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- Western Blot (Cell lysate)

  Western blot analysis of K562 (A), Hela (B) whole cell lysates with TFRC recombinant monoclonal antibody (Cat # RAB09220).

Gene Info — TFRC

Entrez GeneID	7037
Protein Accession#	P02786
Gene Name	TFRC
Gene Alias	CD71, TFR, TFR1, TRFR

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

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

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- 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

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