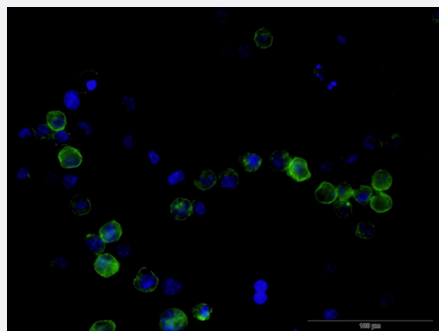


TFRC monoclonal antibody (K10), clone 3F4

Catalog # H00007037-K10

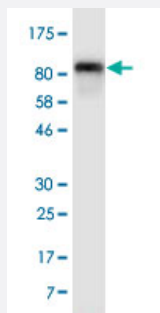
Size 50 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to TFRC on K-562 cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (77 kDa).

Specification

Product Description

Rabbit monoclonal antibody raised against a partial recombinant TFRC.

Immunogen

Purified TFRC (ABM83785.1, 89 a.a. - 760 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.

Sequence

CKGVEPKTECERLAGTESPVREEPGEDFPAARRLYWDDLKRKLSEKLDSTDFTGTIKLLNENSYV
PREAGSQKDENLALYVENQFREFKLSKVWRDQHFVKIQVKDSAQNSVIIDKNGRLVYLVENPGG
YVAYSKAATVTGKLVHANFGTKKDFEDLYTPVNGSIVVRAGKITFAEKVANAESLNAIGVLYMDQT
KFPVNAELSFFGHAHLGTGDPYTPGFPSFNHTQFPPSRSSGLPNIPVQTISRAAAEKLFGNMEGD
CPSDWKTDSTCRMVTSESKNVKLTVSNVLKEIKILNIFGVIKGFVEPDHYVVGAQRDAWGPGAA
KSGVGTALLKLAQMFSDMVLKDGFGPSRSIIFASWSAGDFGSGVATEWLEGYSSLHLKAFTYI
NLDKAVLGTSNFKVSASPLLYTLIEKTMQNVKHPVTGQFLYQDSNWASKVEKLTLDNAAFPFLAY
SGIPAVSFCFCEDTDYPYLGTTMDTYKELIERIPELNKVARAAAEVAGQFVIKLTHDVELNLDYERY
NSQLLSFVRDLNQYRADIKEMGLSLQWLYSARGDFFRATSRLTTDFGNAEKTDRFVMKKLNDRV
MRVEYHFLSPYVSPKESPFRRHVFWGSGSHTLPALLENLKLKQNGAFNETLFRNQLALATWTIQ
GAANALSGDVWDIDNEF

Host

Rabbit

Reactivity

Human

Preparation Method

Cell Culture Production

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (77 kDa).

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TFRC on K-562 cell . [antibody concentration 10 ug/ml]

Gene Info — TFRC

Entrez GeneID

[7037](#)

GeneBank Accession#

[DQ892859.2](#)

Protein Accession#

[ABM83785.1](#)

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

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](#)