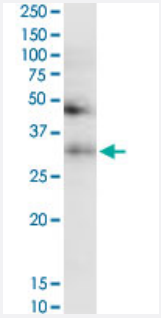
TF monoclonal antibody (M08), clone 1C2

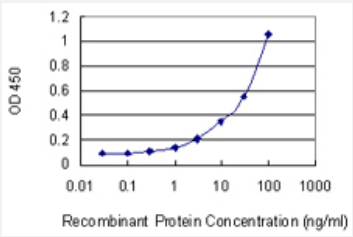
Catalog # H00007018-M08 Size 100 ug

Applications



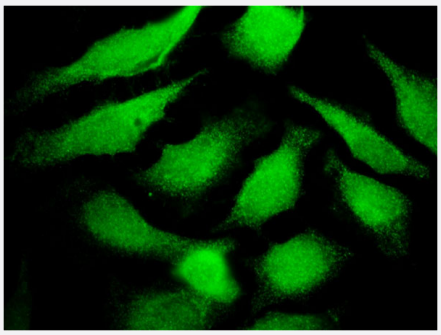
Western Blot (Cell lysate)

TF monoclonal antibody (M08), clone 1C2. Western Blot analysis of TF expression in HeLa.



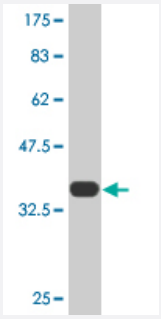
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TF is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TF on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TF.
Immunogen	TF (AAH59367, 551 a.a. ~ 650 a.a) partial recombinant protein with GST tag. MW of the GST tag al one is 26 KDa.
Sequence	FVKHQTVPQNTGGKNPDPWAKNLNEKDYELLCLDGTRKPVEEYANCHLARAPNHAVVTRKDKE ACVHKILRQQQHLFGSNVTDCSGNFCLFRSETKDLLF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (63)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 (Cell lysate)

  TF monoclonal antibody (M08), clone 1C2. Western Blot analysis of TF expression in HeLa.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged TF is 0.3 ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to TF on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — TF

Entrez GeneID	7018
GeneBank Accession#	BC059367
Protein Accession#	AAH59367
Gene Name	TF
Gene Alias	DKFZp781D0156, PRO1557, PRO2086
Gene Description	transferrin
Omim ID	190000 209300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of ho mologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cell s to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/ pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens fro m serum. [provided by RefSeq
Other Designations	-

Publication Reference

- NF-κB-dependent increase in tissue factor expression is responsible for hypoxic podocyte injury.

  Narita I, Shimada M, Yamabe H, Kinjo T, Tanno T, Nishizaki K, Kawai M, Nakamura M, Murakami R, Nakamura N, Tomita H, Saleem MA, Mathieson PW, Okumura K.

  Amino Acids 2015 Dec; 20(5):679.

  Application: IF, Human, Human podocytes

Disease

- Abortion
- Alzheimer disease
- Anemia
- Anoxia
- Arthritis
- Asthma
- Atherosclerosis
- Birth Weight
- Brain Ischemia
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cognition
- Cognition Disorders
- Colitis
- Crohn Disease
- Cystic fibrosis
- Diabetes Complications
- Diabetes Mellitus

- Disease Progression
- Edema
- Femur Head Necrosis
- Genetic Predisposition to Disease
- Hemochromatosis
- Iron Metabolism Disorders
- Iron Overload
- Ischemia
- Liver Cirrhosis
- Macular Degeneration
- Metabolic Syndrome X
- Myocardial Infarction
- Neoplasms
- Neurodegenerative Diseases
- Osteonecrosis
- Osteoporosis
- Psychiatric Status Rating Scales
- Recurrence
- Schizophrenia
- Stroke
- Tobacco Use Disorder
- Tuberculosis