

Mouse anti-Human Transferrin (TF) Monoclonal Antibody | anti-TF antibody

Monoclonal Antibody to Transferrin (TF)

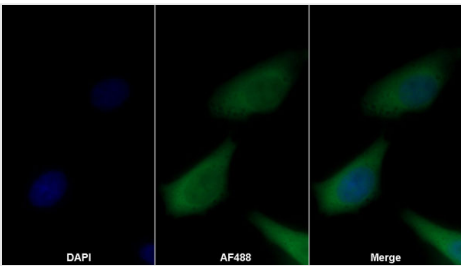
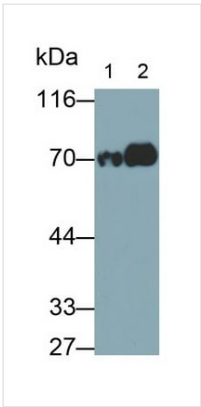
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152925	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Transferrin (TF); Monoclonal Antibody; Monoclonal Antibody to Transferrin (TF); Transferrin; TRF; Siderophilin; Serotransferrin; Beta-1 metal-binding gloulin; anti-TF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	E4
Specificity	The antibody is a mouse monoclonal antibody raised against TF. It has been selected for its ability to recognize TF in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Val361~Lys683
Applicable Applications for anti-TF antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



IF (Immunofluorescence)
AF488 staining on IF;Sample: HepG2 cellPrimary Ab: 30ug/ml Mouse Anti-human TF AntibodySecond Ab: 2 ug/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Lane1: human Serum; Lane2: human Plasma Primary Ab: 0.1ug/ml Mouse Anti-human TF Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-TF antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	339453
NCBI GeneID	7018
UniProt Accession #	P02787; O43890; Q1HBA5; Q9NQB8; Q9UHV0
Molecular Weight	77,064 Da
NCBI Official Full Name	transferrin
NCBI Official Synonym Full Names	transferrin
NCBI Official Symbol	TF
NCBI Official Synonym Symbols	TFQTL1; PRO1557; PRO2086
NCBI Protein Information	serotransferrin; siderophilin; beta-1 metal-binding globulin
UniProt Protein Name	Serotransferrin
UniProt Gene Name	TF
UniProt Synonym Gene Names	Transferrin
UniProt Entry Name	TRFE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.