

Mouse TF Monoclonal Antibody | anti-TF antibody

TF antibody

CATALOG # AAA108223	HOST Mouse	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

TF; Monoclonal Antibody; TF antibody; Monoclonal TF; Anti-TF; Transferrin; Apotransferrin; beta 1 metal binding globulin; DKFZp781D0156; PRO1400; PRO1557; PRO2086; Serotransferrin precursor; Siderophilin; anti-TF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5G2
Purity/Purification	TF antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-TF antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Transferrins are iron-binding blood plasma glycoproteins that control the level of free iron in biological fluids. In humans, it is encoded by the TF gene. Although iron bound to transferrin is less than 0. 1% (4 mg) of the total body iron, it is the most important iron pool, with the highest rate of turnover (25 mg/24 h).
Cross-Reactivity	Human
Immunogen	TF antibody was raised in mouse using a full length recombinant protein of human TF (NP_001054) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant TF protein using TF antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant TF protein (red) or empty vector (blue) stained using TF antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TF antibody	Mouse monoclonal TF antibody
Product Categories/Family for anti-TF antibody	Nutrition & Metabolism

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tf-antibody-clone-5g2-immunofluorescence-flow-cytometry-elisa/108223>