



Anti-Transferrin monoclonal antibody, clone 13B7 (DMAB1714MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Specificity	Human Transferrin
Immunogen	Placental transferrin receptor or transferrin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	13B7
Purification	>90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Centrifuge before opening to ensure complete recovery of vial contents.
Format	Purified, Liquid
Concentration	4.2mg/ml (Sigma protein assay kit)
Size	1 mg
Buffer	PBS, pH 7.4

Preservative	0.1% Sodium Azide
--------------	-------------------

Storage	Store at 2-8°C.
---------	-----------------

GENE INFORMATION

Gene Name	TF transferrin [Homo sapiens]
-----------	---

Official Symbol	TF
-----------------	----

Synonyms	TF; transferrin; PRO1557; PRO2086; DKFZp781D0156; Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin; serotransferrin; siderophilin; OTTHUMP00000197155; beta-1 metal-binding globulin
----------	---

Entrez Gene ID	7018
----------------	----------------------

Protein Refseq	NP_001054
----------------	---------------------------

UniProt ID	A0PJA6
------------	------------------------

Chromosome Location	3q22.1
---------------------	--------

Pathway	EPHB forward signaling; Formation of Platelet plug; HIF-1-alpha transcription factor network; Hemostasis; Iron uptake and transport; Mineral absorption; Platelet Activation; Platelet degranulation; Response to elevated platelet cytosolic Ca2+; Transferrin endocytosis and recycling; Transmembrane transport of small molecules
---------	---

Function	ferric iron binding; metal ion binding; protein binding; ubiquitin protein ligase binding
----------	---