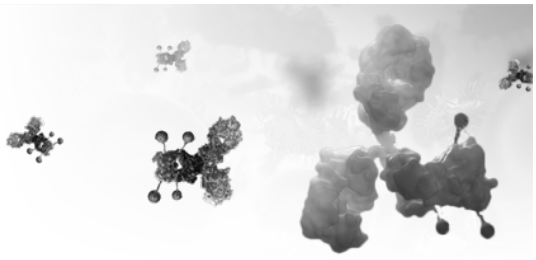

Anti-Transferrin monoclonal antibody, clone 12E4 (DMAB1707MH)

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

PRODUCT INFORMATION

Product Overview	MAb to TF Monoclonal Antibody to Human Transferrin
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	12E4
Affinity Constant	Not determined
Purification	>90% pure (SDS-PAGE). 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. Recommended pair for transferrin detection by sandwich ELISA: Capture Detection DMAB1844MH DMAB1707MH Recommended pair for transferrin-transferrin receptor complex detection by sandwich ELISA:

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Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	Capture Detection DMAB1713MH DMAB1707MH
Format	Purified, Liquid
Concentration	4.4mg/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	Transferrin; Beta-1 metal-binding globulin; Siderophilin; transferring; PRO1557; PRO2086; DKFZp781D0156; TF; serotransferrin; siderophilin; OTTHUMP00000197155; PRO1400
Entrez Gene ID	7018
Protein Refseq	NP_001054
UniProt ID	A0PJA6
Chromosome Location	3q22.1
Pathway	EPHB forward signaling, organism-specific biosystem; Formation of Platelet plug, organism-specific biosystem; Hemostasis, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Mineral absorption, conserved biosystem; Platelet Activation, organism-specific biosystem; Response to elevated platelet cytosolic Ca2+, organism-specific biosystem; Transferrin endocytosis and recycling, organism-specific biosystem
Function	ferric iron binding; metal ion binding; protein binding; ubiquitin protein ligase binding

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