

Product datasheet for **TA355259**

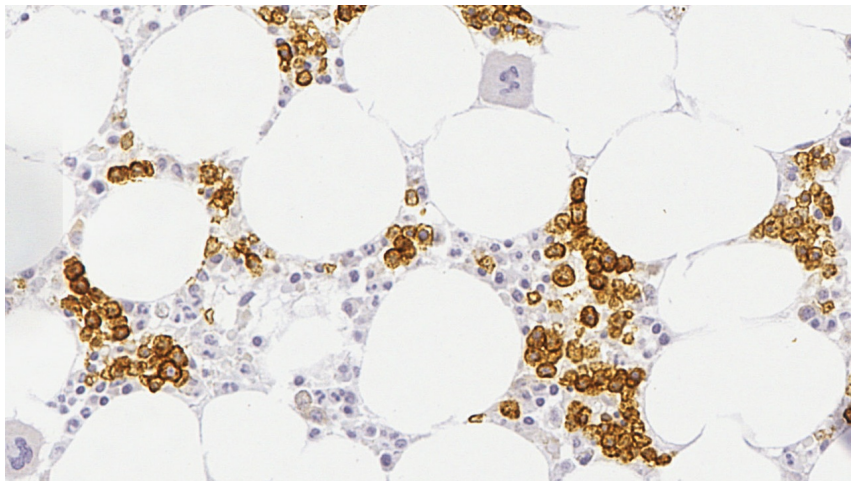
CD71 (TFRC) Mouse Monoclonal Antibody [Clone ID: 10F11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	10F11
Applications:	IHC
Recommended Dilution:	1:80
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to a region of the N-terminal intracellular domain of the human CD71 molecule
Specificity:	Human CD71 molecule, also known as transferrin receptor
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	transferrin receptor
Database Link:	Entrez Gene 7037 Human P02786
Background:	The CD71 molecule is a type II membrane glycoprotein with a molecular weight of approximately 180 kD. It is known as the transferrin receptor and is composed of two disulfide-bonded 90 kD subunits. The CD71 molecule plays a critical role in cell proliferation by controlling the supply of iron, an essential component for many metabolic pathways, through the binding and endocytosis of transferrin, the major iron-carrying protein. CD71 protein is reported to be expressed on activated B and T cells, macrophages, proliferating cells and metabolically active cells, for example, neurons.
Synonyms:	CD71; p90; T9; TfR; TfR1; TR; Trfr



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Product images:

Human bone marrow: immunohistochemical staining for CD71. Note membrane staining of erythroid progenitor cells. CD71: clone 10F11