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30-1230: Anti-CD71 / Transferrin Receptor Monoclonal Antibody (Clone:MEM-189)

Clonality :	Monoclonal
Clone Name :	MEM-189
Application :	WB, FACS, IP
Reactivity :	Human
Gene :	TFRC
Gene ID :	7037
Uniprot ID :	P02786
Format :	Purified
Alternative Name :	TFRC
Isotype :	Mouse IgG1
Immunogen Information :	KG1 human acute myelogenous leukaemia cell line

Description

CD71 (transferrin receptor) is a type II transmembrane glycoprotein expressed as homodimer in erythroid blood cell line and in activated leukocytes. Upon binding of holotransferrin (complex of transferrin and iron ions), CD71 is internalized by clathrin-mediated endocytosis. Acidification of endosomes by vesicular membrane proton pumps leads to dissociation of iron ions, whereas transferrin (apotransferrin) remains associated with CD71 and recycles to the cell surface, where it is released upon exposure to normal pH. CD71 is also involved in uptake of non-transferrin bound iron.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Western Blotting Flow Cytometry *Recommended dilution:*2 ÃÂµg/ml
Immunoprecipitation

For Research Use Only. Not for use in diagnostic/therapeutics procedures.