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Product Datasheet

CD71 / Transferrin Receptor (TFRC) (Extracellular Domain) (TFRC/1818), 1mg/mL, Clone: [TFRC/1818], Mouse, Monoclonal BOT-BNUM1818-50

Article Name	CD71 / Transferrin Receptor (TFRC) (Extracellular Domain) (TFRC/1818), 1mg/mL, Clone: [TFRC/1818], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM1818-50
Supplier Catalog Number	BNUM1818-50
Alternative Catalog Number	BOT-BNUM1818-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human TFRC protein fragment (aa94-212) (exact sequence is proprietary)
Product Description	This antibody recognizes a ~90-95 kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded homodimeric glycoprotein of 180-190 kDa. This MAb is highly specific to CD71 and shows no cross-reaction with other rela...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[TFRC/1818]
Molecular Weight	85-95 kDa (monomer), 190 kDa (dimer)

UniProt	P02786
Buffer	PBS, no BSA, no azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL ELISA: 2-4 ug/mL for coating order Ab without BSA Flow cytometry: 0.5-1 ug/million cells in 0.1mL Immunohistology (formalin) 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris, 1 mM EDTA pH 9.0 for 10-20 min followed by cooling at RT for 20 min Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user