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Product Datasheet

TIMP2 (Tissue Inhibitor of Metalloproteinase 2) (3A4), CF405S conjugate, 0.1mg/mL, Clone: [3A4], Mouse, Monoclonal BOT-BNC041691-500

Article Name	TIMP2 (Tissue Inhibitor of Metalloproteinase 2) (3A4), CF405S conjugate, 0.1mg/mL, Clone: [3A4], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC041691-500
Supplier Catalog Number	BNC041691-500
Alternative Catalog Number	BOT-BNC041691-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Bovine, Guinea pig, Human, Mouse, Rabbit, Rat, Zebrafish
Immunogen	A synthetic peptide from the N-terminus of human TIMP2 protein (aa56-66) (DSGNDIYGNPI)
Conjugation	CF405S
Product Description	This antibody recognizes a protein of 21 kDa, identified as tissue inhibitor of metalloproteinases-2 (TIMP-2). It is closely related to TIMP-1 and shows the highest binding affinity to both the latent (pro) and active forms of 72 kDa Type IV collagen...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[3A4]

Molecular Weight	21 kDa
UniProt	P16035
Buffer	PBS, 0.1% BSA, 0.05% 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: 0.5-1 ug/mL Immunohistology (formalin) 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user