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Product Datasheet

TIMP2 (Tissue Inhibitor of Metalloproteinase 2) (3A4), 1mg/mL, Clone: [3A4], Mouse, Monoclonal BOT-BNUM1691-50

Article Name	TIMP2 (Tissue Inhibitor of Metalloproteinase 2) (3A4), 1mg/mL, Clone: [3A4], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM1691-50
Supplier Catalog Number	BNUM1691-50
Alternative Catalog Number	BOT-BNUM1691-50-50UL
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)
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	1 mg/mL
Clone Designation	[3A4]
Molecular Weight	21 kDa

UniProt	P16035
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: 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