

Product datasheet for **BM628**

Myosin-1 / MYH1 Mouse Monoclonal Antibody [Clone ID: TH81 (BGN/04/4481)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	TH81 (BGN/04/4481)
Applications:	ELISA, IHC
Recommended Dilution:	ELISA. Immunofluorescence. Immunohistochemistry on Paraffin Sections.
Reactivity:	Human, Rabbit, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Myosin heavy chain from Rabbit muscle.
Specificity:	This antibody reacts strongly with Human Cardiac Myosin and also recognizes Rabbit Myosin heavy and light chains.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P02562
Background:	Most myosin molecules are composed of both a head and a tail domain. The head domain binds the filamentous actin, and uses ATP hydrolysis to generate force and to "walk" along the filament towards the (+) end (with the exception of one family member, myosin VI, which moves towards the (-) end). The tail domain generally mediates interaction with cargo molecules and/or other myosin subunits.



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Synonyms: Myosin heavy chain 1, Myosin heavy chain skeletal muscle