

# MB Rabbit Polyclonal Antibody

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Cat#: 3038

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<b>Synonyms:</b>	MYO; myoglobin
<b>Attribute:</b>	Rabbit Polyclonal Antibody
<b>Isotype:</b>	IgG
<b>Purity:</b>	Antigen Affinity Purification
<b>Application:</b>	ELISA, WB, IP
<b>Calculated MW:</b>	16kDa
<b>Observed MW:</b>	16KDa
<b>Reactivity:</b>	Human,Mouse,Rat,Zebra fish
<b>Immunogen:</b>	Recombinant Human MB protein expressed by E.Coli
<b>Buffer:</b>	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
<b>Storage:</b>	Store at -20°C. Do not aliquot
<b>Recommended Dilution:</b>	WB: 1:1000-2000 IP: 1:5000-10000 IF: 1:100-200



Western blot of Zebra Fish whole lysates with anti-MB Rabbit Polyclonal Antibody at dilution of 1:1000

## Background:

Myoglobin (symbol Mb or MB) is an iron- and oxygen-binding protein found in the muscle tissue of vertebrates in general and in almost all mammals. Myoglobin is released from damaged muscle tissue such as heart, making it a sensitive marker for muscle injury, and a potential marker for heart attack in patients with chest pain. However, elevated myoglobin has low specificity for acute myocardial infarction (AMI) and thus CK-MB, cardiac Troponin, ECG, and clinical signs should be taken into account to make the diagnosis..

We focus on precise protein quantification