

**Myoglobin (ABT149R) rabbit mAb**

<b>Catalog No :</b>	YM7169
<b>Reactivity :</b>	Human; Mouse; (predicted: Rat)
<b>Applications :</b>	IHC; WB;; ELISA
<b>Target :</b>	Myoglobin
<b>Gene Name :</b>	MB
<b>Protein Name :</b>	Myoglobin
<b>Human Gene Id :</b>	4151
<b>Human Swiss Prot No :</b>	P02144
<b>Immunogen :</b>	Synthesized peptide derived from human Myoglobin AA range:50-154
<b>Specificity :</b>	This antibody detects endogenous levels of Myoglobin
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Monoclonal, Rabbit IgG1, Kappa
<b>Dilution :</b>	IHC 1:100-500, WB 1:500-1000, ELISA 1:5000-20000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	17kD
<b>Background :</b>	This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008],

**Function :** function:Serves as a reserve supply of oxygen and facilitates the movement of oxygen within muscles.,similarity:Belongs to the globin family.,

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**Subcellular Location :** Cytoplasmic

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