

Product Name: Myoglobin (17N17) Rabbit Monoclonal Antibody
Catalog #: AMRe14338



Summary

Production Name	Myoglobin (17N17) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	MB
Alternative Names	MB; MGC13548; MYG; Myoglobin; PVALB;
Gene ID	4151.0
SwissProt ID	P02144.

Application

Dilution Ratio	WB 1:1000-1:5000, IHC-P/IF-P 1:200-1:500, ICC/IF 1:20-1:200
Molecular Weight	17kDa

Product Name: Myoglobin (17N17) Rabbit Monoclonal Antibody
Catalog #: AMRe14338

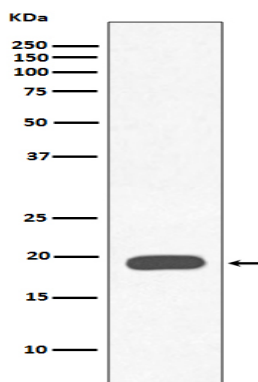


Background

Myoglobin (MB) is an oxygen-binding protein that contains one polypeptide chain and one heme group. Reversible oxygen binding occurs by a linkage with the imidazole nitrogen of the 91st histidine residue in the myoglobin chain. Research studies indicate that the blockade of myoglobin in isolated cardiac myocytes mimics hypoxia when electrically stimulated for paced contractions. During fetal development, myoglobin is required to support cardiac function. Serves as a reserve supply of oxygen and facilitates the movement of oxygen within muscles.

Research Area

Image Data



Western blot analysis of Myoglobin expression in Human heart muscle lysate.

Note

For research use only.