



# Myoglobin Monoclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No                | BYab-00613                                                                                                                                                                                                                                                                                                                                                                          |
| Isotype                   | IgG                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity                | Human                                                                                                                                                                                                                                                                                                                                                                               |
| Applications              | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Name                 | MB                                                                                                                                                                                                                                                                                                                                                                                  |
| Protein Name              | Myoglobin                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen                 | Purified recombinant fragment of Myoglobin expressed in E. Coli.                                                                                                                                                                                                                                                                                                                    |
| Specificity               | Myoglobin Monoclonal Antibody detects endogenous levels of Myoglobin protein.                                                                                                                                                                                                                                                                                                       |
| Formulation               | Purified antibody in PBS containing 0.03% sodium azide.                                                                                                                                                                                                                                                                                                                             |
| Source                    | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                                                   |
| Purification              | Affinity purification                                                                                                                                                                                                                                                                                                                                                               |
| Dilution                  | WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000.. IF 1:50-200                                                                                                                                                                                                                                                                                                               |
| Concentration             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                |
| Storage Stability         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                        |
| Synonyms                  | MB; Myoglobin                                                                                                                                                                                                                                                                                                                                                                       |
| Observed Band             |                                                                                                                                                                                                                                                                                                                                                                                     |
| Cell Pathway              | extracellular exosome,                                                                                                                                                                                                                                                                                                                                                              |
| Tissue Specificity        | Heart,Skeletal muscle,                                                                                                                                                                                                                                                                                                                                                              |
| Function                  | function:Serves as a reserve supply of oxygen and facilitates the movement of oxygen within muscles.,similarity:Belongs to the globin family.,                                                                                                                                                                                                                                      |
| Background                | 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], |
| matters needing attention | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                |

Nanjing BYabscience technology Co.,Ltd

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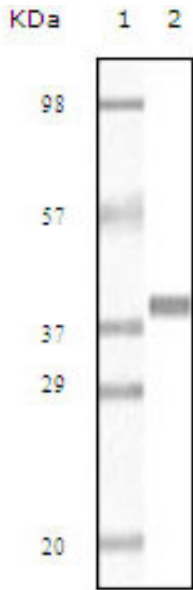
监督电话: 15950492658



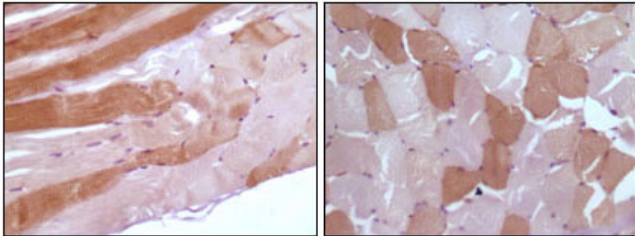
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis using Myoglobin Monoclonal Antibody against truncated Myoglobin recombinant protein.



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue showing cytoplasmic localization with DAB staining using Myoglobin Monoclonal Antibody.

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