

Myoglobin (AB1566) mouse mAb

W0371

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 17 kDa (calculated)
- 17 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1566
Immunogen	A synthetic peptide corresponding to the amino acid region 50 - 154 of the human Myoglobin protein.
Specificity	The antibody can specifically recognize human Myoglobin protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	MB		
Protein Name	Myoglobin		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P02144	4151

Background	Myoglobin is a cytoplasmic protein in the cytoplasm of striated muscle. It is only expressed in skeletal muscle and myocardium and has high tissue specificity. It is mainly used for the study of rhabdomyosarcoma and its derived tumors, which is helpful to distinguish rhabdomyosarcoma from skeletal muscle differentiated tumors.
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