

Melan-A (AB1554) mouse mAb

W0361

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 13 kDa (calculated)
- 18 kDa (observed)

Isotype

- IgG2b, 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 AB1554

Immunogen A synthetic peptide corresponding to the amino acid region 50 - 118 of the human Melan - A protein.

Specificity The antibody can specifically recognize human Melan-A 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 MLANA

Protein Name Melan-A

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q16655	2315

Background Melan-A, also known as melanoma antigen recognized by T cell 1, is related to endoplasmic reticulum and melanosomes. It is mainly used for the study of melanoma. Melan A is expressed in all normal melanocytes and melanocyte lines. Tumor cells from epithelium, lymphHuman, Rat, Mouse, and mesenchymal origin are generally not expressed. It is mainly used for the diagnosis and differential diagnosis of malignant melanoma and tumors with melanocyte differentiation.