

Tyrosinase (AB1386) mouse mAb

V0472

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 60 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

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 AB1386

Immunogen A synthetic peptide corresponding to the amino acid region 250 - 350 of the human Tyrosinase protein.

Specificity The antibody can specifically recognize human Tyrosinase 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 TYR

Protein Name Tyrosinase

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P14679	7299

Background Tyrosinase is a key member of the melanin biosynthetic enzyme family in melanocytes and a key enzyme in the initial stage of melanin biosynthesis. It is located in melanocytes, which are mainly distributed in skin, hair ball and eyes. Tyrosinase is a specific marker of melanocytes. Its deletion is associated with various albinism, especially ocular skin albinism. It is mainly used for the study of albinism and malignant melanoma.