

# Tyrosinase Rabbit mAb

Catalog No.: A23209 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

60kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P

### Cross-Reactivity

Human

### CloneNo number

ARC53165

## Background

The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3' half of this gene.

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

7299

### Swiss Prot

P14679

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Tyrosinase (NP\_000363.1).

### Synonyms

ATN; CMM8; OCA1; OCA1A; OCAIA; SHEP3; Tyrosinase

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

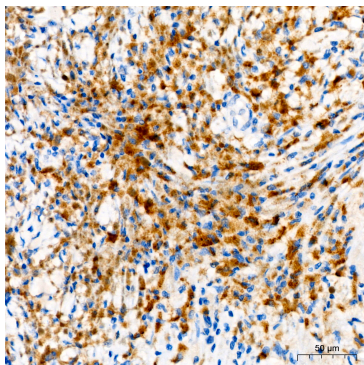
### Purification

Affinity purification

### Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.



Immunohistochemistry analysis of Tyrosinase in paraffin-embedded Human malignant melanoma using Tyrosinase Rabbit mAb (A23209) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.