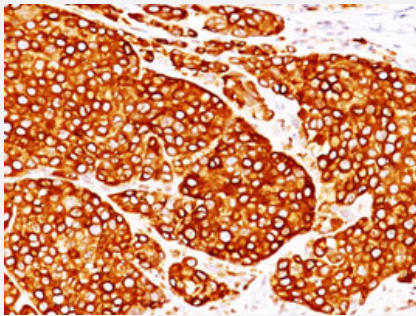


TYR monoclonal antibody, clone T311

Catalog # MAB11267 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human melanoma with TYR monoclonal antibody, clone T311 (Cat # MAB11267) at 1:200 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against TYR.
Immunogen	Recombinant protein corresponding to human TYR.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG2a Kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human melanoma with TYR monoclonal antibody, clone T311 (Cat # MAB11267) at 1:200 dilution.

- Immunohistochemistry (Frozen sections)
- Immunocytochemistry
- Immunofluorescence

Gene Info — TYR

Entrez GeneID [7299](#)

Protein Accession# [NP_000363](#)

Gene Name TYR

Gene Alias OCA1A, OCAIA, SHEP3

Gene Description tyrosinase (oculocutaneous albinism IA)

Omim ID [103470](#) [203100](#) [606933](#) [606952](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations tyrosinase

Pathway

- [Betalain biosynthesis](#)

- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Isoquinoline alkaloid biosynthesis](#)
- [Melanogenesis](#)
- [Metabolic pathways](#)
- [Riboflavin metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Albinism](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Bone Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hermanski-Pudlak Syndrome](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)
- [Neoplasm Metastasis](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)

- [Skin Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Vitiligo](#)
- [Werner syndrome](#)