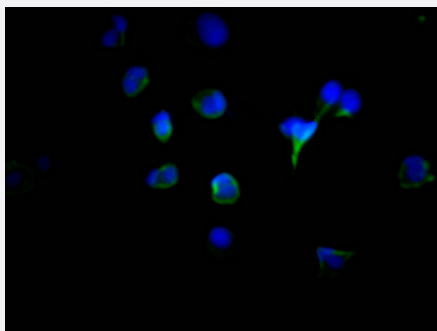


RecomAb™

TYR recombinant monoclonal antibody, clone 6B2

Catalog # RAB04076 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence staining of MCF7 Cells with TYR recombinant monoclonal antibody, clone 6B2 at 1:50, counter-stained with DAPI.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TYR.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human TYR.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °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

- Immunofluorescence

Immunofluorescence staining of MCF7 Cells with TYR recombinant monoclonal antibody, clone 6B2 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TYR

Entrez GeneID	7299
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Protein Accession#	P14679
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Gene Name	TYR
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Gene Alias	OCA1A, OCAIA, SHEP3
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Gene Description	tyrosinase (oculocutaneous albinism IA)
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Omim ID	103470 203100 606933 606952
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Gene Ontology	Hyperlink
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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]
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Other Designations	tyrosinase
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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](#)