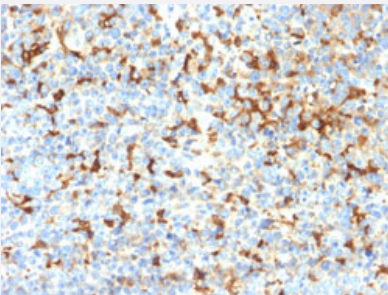


RecomAb™

TYRP1 recombinant monoclonal antibody, clone TYRP1/2340R

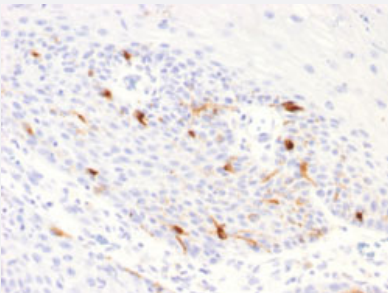
Catalog # RAB00650 Size 100 ug

Applications



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

Immunohistochemical staining of human melanoma.



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

Immunohistochemical staining of human basal cell carcinoma.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial human TYRP1.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to amino acids 257-377 of human TYRP1.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification

Isotype	IgG
Recommend Usage	ELISA (2-4 ug/mL for coating) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining of human melanoma.
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining of human basal cell carcinoma.
- Enzyme-linked Immunoabsorbent Assay

Gene Info — TYRP1

Entrez GeneID	7306
Protein Accession#	P17643
Gene Name	TYRP1
Gene Alias	CAS2, CATB, GP75, TRP, TYRP, b-PROTEIN
Gene Description	tyrosinase-related protein 1
Omim ID	115501 203290 278400
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a melanosomal enzyme that belongs to the tyrosinase family and plays an important role in the melanin biosynthetic pathway. Defects in this gene are the cause of rufous oculocutaneous albinism and oculocutaneous albinism type III. [provided by RefSeq]
Other Designations	associated with iris pigmentation

Pathway

- [Melanogenesis](#)
- [Metabolic pathways](#)
- [Tyrosine metabolism](#)

Disease

- [Albinism](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hermanski-Pudlak Syndrome](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Neoplasm Metastasis](#)
- [Skin Neoplasms](#)