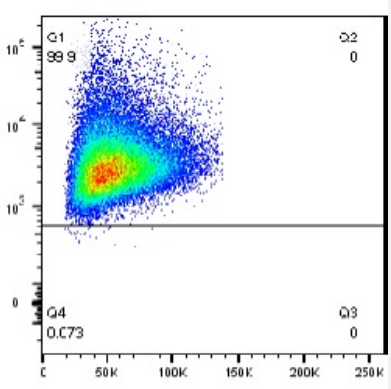
RecomAb™

TYRP1 recombinant monoclonal antibody, clone TA99

Catalog # RAB03918 Size 200 ug

Applications



Flow Cytometry

Flow-cytometry analysis of TYRP1 in mouse splenocytes, B16F10 murine melanoma cells, KPC3 pacreas carcinoma cells, KPC3 cells transfected with the Trp1 gene using human anti-TRP1 (TA99) recombinant monoclonal antibody, clone TA99 (Cat # RAB03918).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against 70-75 kDa pigmentation-associated glycop rotein in human melanoma cell lines.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to 70-75 kDa pigmentation-a ssociated glycoprotein in human melanoma cell lines.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG

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Recommend Usage	ELISA Flow cytometry Immunofluorescence Immunohistochemistry (Frozen sections) Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)
Storage Instruction	Store at 4°C for 3 months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Frozen sections)
- Immunofluorescence
- Flow Cytometry

  Flow-cytometry analysis of TYRP1 in mouse splenocytes, B16F10 murine melanoma cells, KPC3 pacreas carcinoma cells, KPC3 cells transfected with the Trp1 gene using human anti-TRP1 (TA99) recombinant monoclonal antibody, clone TA99 (Cat # RAB03918).
- Enzyme-linked Immunoabsorbent Assay
- Immunoprecipitation
- Western Blot

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

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Gene Ontology	Hyperlink
Gene Summary	This gene encodes a melanosomal enzyme that belongs to the tyrosinase family and plays an imp ortant role in the melanin biosynthetic pathway. Defects in this gene are the cause of rufous oculoc utaneous 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

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