

Datasheet for ABIN7487762

Recombinant anti-Tyrosinase-Related Protein 1 antibody



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Overview

Quantity:	200 µg
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Reactivity:	Human
Host:	Human
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This Tyrosinase-Related Protein 1 antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-TRP-1, gp75 [TA99], Human IgG1, kappa
Immunogen:	70-75 kDa pigmentation-associated glycoprotein in human melanoma cell lines.
Clone:	TA99
Isotype:	IgG1 kappa
Specificity:	Binds Tyrosinase-related protein-1 (TRP-1), a 70-75k enzyme located in melanocytes, which are specialized cells that produce a pigment called melanin, helping to stabilize tyrosinase, which is the enzyme responsible for the first step in melanin production and determine the shape of melanosomes, which are the structures in melanocytes where melanin is produced.
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG2a

Product Details

Purification: Protein A affinity purified

Target Details

Target: Tyrosinase-Related Protein 1 (TYRP1)

Alternative Name: TRP-1, gp75 ([TYRP1 Products](#))

Background: Melanoma antigen gp75, 5,6-dihydroxyindole-2-carboxylic acid oxidase, DHICA oxidase, Catalase B, Glycoprotein 75, Tyrosinase-related protein 1, TRP, TRP-1, TRP1

UniProt: [P17643](#)

Application Details

Application Notes: This antibody binds to human and murine TRP-1 and had been under evaluation for the treatment of tumours.

Comment: This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.