

Datasheet for ABIN6295921

anti-Tyrosinase-Related Protein 1 antibody[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Tyrosinase-Related Protein 1 antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Mouse anti-Human/Mouse TRP1 Antibody [Sodium Azide Free]
Immunogen:	Recombinant full-length human protein was used as the immunogen for the TRP1 antibody.
Specificity:	Cytoplasmic
Purification:	Recombinant full-length human protein was used as the immunogen for the TRP1 antibody.

Target Details

Target:	Tyrosinase-Related Protein 1 (TYRP1)
Alternative Name:	5,6-dihydroxyindole-2-carboxylic acid oxidase (TYRP1 Products)
Background:	Target Description: It reacts with a 75 kDa melanocyte-specific gene product, identified as Tyrosinase-related protein-1 (TRP-1). It is involved in melanin synthesis. TRP1 is present on the melanosomal membranes of melanoma, normal melanocytes and nevi. Recent evidence suggests that TRP-1 is involved in maintaining stability of tyrosinase protein and modulating its

Target Details

catalytic activity. TRP-1 is also involved in maintenance of melanosome ultrastructure and affects melanocyte proliferation and cell death.

Gene Symbol: TYRP1///CAS2///TYRP///TYRRP

Gene ID: 7306

UniProt: [P17643](#)

Application Details

Application Notes: Flow Cytometry: 0.5-1 µg/million cells in 0.1ml

Immunofluorescence: 1-2 µg/mL

Immunohistochemistry (FFPE): 2-4 µg/mL for 30 min at RT (1)

Prediluted format: incubate for 30 min at RT (2)

Restrictions: For Research Use only

Handling

Buffer: In 1X PBS, BSA free, sodium azide free

Preservative: Azide free

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.