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## 36-3334: Anti-Tyrosinase-Related Protein-1 (TRP-1) (Melanoma Marker) Monoclonal Antibody(Clone: TA99+ TYRP1/807)

Clonality: Monoclonal

**Clone Name:** TA99+ TYRP1/807 Application: FACS, IF, WB, IHC Reactivity: Human, Mouse

Gene: TYRP1 Gene ID: 7306 **Uniprot ID:** P17643

5, 6 dihydroxyindole 2 carboxylic acid oxidase, 6-dihydroxyindole-2-carboxylic acid oxidase,

**Alternative Name:** Associated with iris pigmentation, CAS2, Catalase B (CATB), DHICA oxidase, Glycoprotein75

(GP75), Melanoma antigen gp75, Tyrosinase-related protein 1 (TYRP1), TYRRP

Isotype: Mouse IgG2a, kappa + Mouse IgG2a, kappa

Immunogen Information: SK-MEL-23 cells (TA99); Recombinant full-length human TYRP1 protein (TYRP1/807)

## **Description**

It reacts with a 75kDa 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 sµggests that TRP-1 is involved in maintaining stability of tyrosinase protein and modulating its catalytic activity. TRP-1 is also involved in maintenance of melanosome ultrastructure and affects melanocyte proliferation and cell death.

## **Product Info**

Amount: 20 μg / 100 μg

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS Content:

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

## **Application Note**

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Frozen only) (1-2ug/ml for 30 minutes at RT)