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36-3327: Anti-Tyrosinase-Related Protein-1 (TYRP-1) (Melanoma Marker) Monoclonal **Antibody(Clone: TA99)**

Clonality: Monoclonal

Clone Name: TA99

Application: FACS, IF, 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

Isotvpe: Mouse IgG2a, kappa Immunogen Information: SK-MEL-23 cells

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 sÂuggests 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); Immunohistochemistry (Frozen only) (1-2ug/ml for 30 minutes at RT)

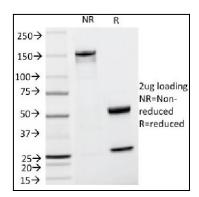


Fig. 1: SDS-PAGE Analysis Purified TYRP1 Mouse Monoclonal Antibody (TA99). Confirmation of Integrity and Purity of Antibody.