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36-1782: Monoclonal Antibody to Tyrosinase-Related Protein-1 (TYRP-1) (Melanoma Marker)(Clone: TYRP1/807)

Clonality: Monoclonal TYRP1/807

Application: IHC

Reactivity: Human, Mouse

Gene : TYRP1
Gene ID : 7306
Uniprot ID : P17643
Format : Purified

Alternative Name: TYRP1,CAS2,TYRP,TYRRP Isotype: Mouse IgG2a, kappa

Immunogen Information: Recombinant full-length human TYRP1 protein

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 suggests 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 : 100 μg

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

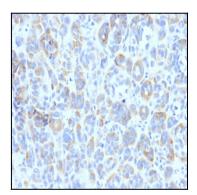
toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Immunohistochemistry (Formalin-fixed) (3-6ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Melanoma stained with TYRP1 Monoclonal Antibody (TYRP1/807)