

12-1263: Anti-Tyrosinase-Related Protein-1 (TYRP-1) (Melanoma Marker) Recombinant Rabbit Monoclonal Antibody (Clone:TYRP1/2340R)

Clonality :	Monoclonal
Clone Name :	TYRP1/2340R
Application :	ELISA,IHC
Reactivity :	Human
Gene :	TYRP1
Gene ID :	7306
Uniprot ID :	P17643
Format :	Purified
Alternative Name :	5, 6 dihydroxyindole 2 carboxylic acid oxidase, 6-dihydroxyindole-2-carboxylic acid oxidase, Associated with iris pigmentation, CAS2, Catalase B (CATB), DHICA oxidase, Glycoprotein75 (GP75), Melanoma antigen gp75, Tyrosinase-related protein 1 (TYRP1), TYRRP
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant fragment of human TYRP1 protein (around aa 257-377) (exact sequence is proprietary)

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 :	20 µg / 100 µg
Purification :	Protein A/G
Content :	200µg/ml of recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (Use Ab at 2-4 µg/ml for coating) (Order Ab without BSA); Immunohistochemistry (Formalin-fixed) (1-2 µg/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);

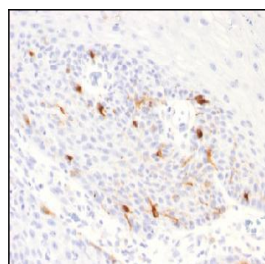


Figure 1: Formalin-fixed, paraffin-embedded human Basal Cell Carcinoma stained with TYRP1 Recombinant Rabbit Monoclonal Antibody (TYRP1/2340R).

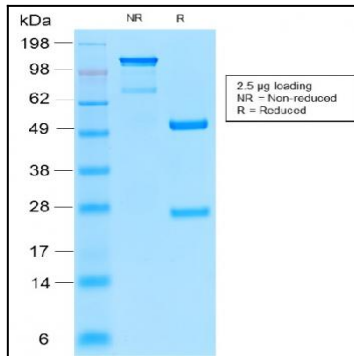


Figure 2: SDS-PAGE Analysis of Purified TYRP1 Recombinant Rabbit Monoclonal Antibody (TYRP1/2340R).