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12-1044: Recombinant Rabbit Monoclonal Antibody to Tyrosinase-Related Protein-1 (TYRP-1) (Melanoma Marker)(Clone : TYRP1/1564R)

Clonality :	Monoclonal
Clone Name :	TYRP1/1564R
Application :	IHC
Reactivity :	Human, Mouse
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 human full-length 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 :	20 µg / 100 µg
Purification :	Purified Ab with BSA and Azide at 200ug/ml
Content :	200ug/ml of Ab purified by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
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) (1-2ÃÂµg/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&degC followed by cooling at RT for 20 minutes);

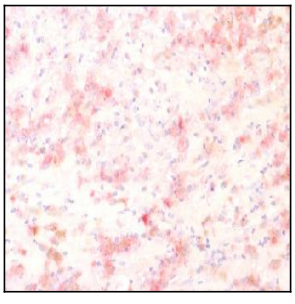


Figure 1: Formalin-fixed, paraffin-embedded human Melanoma stained with TYRP1 Rabbit Recombinant MAb (TYRP1/1564R) using AEC Chromogen.

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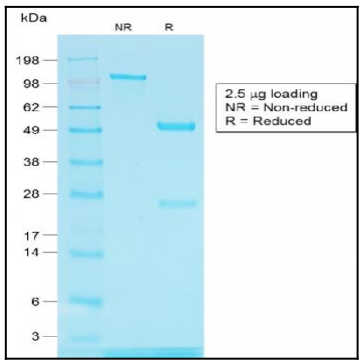


Figure 2: SDS-PAGE Analysis of Purified TYRP1 Rabbit Recombinant Monoclonal Antibody (TYRP1/1564R) using AEC Chromogen.

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