

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	TYRP1/1564R
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human, Mouse
<b>Gene :</b>	TYRP1
<b>Gene ID :</b>	7306
<b>Uniprot ID :</b>	P17643
<b>Format :</b>	Purified
<b>Alternative Name :</b>	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
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	20 µg / 100 µg
<b>Purification :</b>	Purified Ab with BSA and Azide at 200ug/ml
<b>Content :</b>	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.
<b>Storage condition :</b>	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) (1-2µg/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);

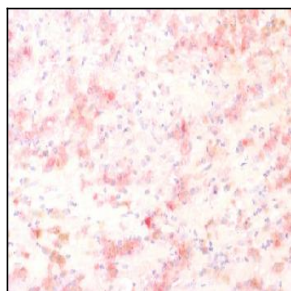


Figure 1: Formalin-fixed, paraffin-embedded human Melanoma stained with TYRP1 Rabbit Recombinant MAb (TYRP1/1564R) using AEC Chromogen.

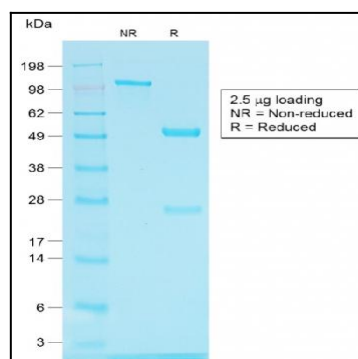


Figure 2: SDS-PAGE Analysis of Purified TYRP1 Rabbit Recombinant Monoclonal Antibody (TYRP1/1564R) using AEC Chromogen.