9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

36-3336: Anti-Tyrosinase-Related Protein-1 (TYRP-1) (Melanoma Marker) Monoclonal Antibody(Clone: TYRP1/1564R)

Clonality :	Monoclonal
Clone Name :	TYRP1/1564R
Application :	IHC
Reactivity :	Human, Mouse
Gene :	TYRP1
Gene ID :	7306
Uniprot ID :	P17643
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 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 sÂµggests 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
Content :	200 µg/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 :	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

Immunohistochemistry (Formalin-fixed) (1-2ug/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);

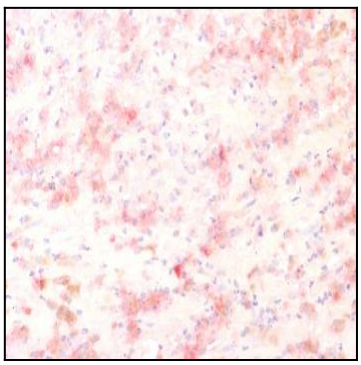

Fig. 1: Formalin-fixed, paraffin-embedded human Melanoma stained with TYRP1 Rabbit Recombinant Monoclonal Antibody (TYRP1/1564R) using AEC Chromogen.

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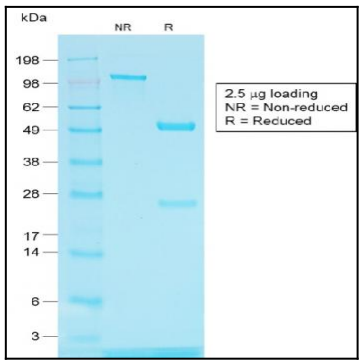

Fig. 2: SDS-PAGE Analysis of Purified TYRP1 Rabbit Recombinant Monoclonal Antibody (TYRP1/1564R)

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