

Datasheet for ABIN6940842

Recombinant anti-Tyrosinase-Related Protein 1 antibody (AA 257-377)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Binding Specificity:	AA 257-377
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Tyrosinase-Related Protein 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Staining Methods (StM), Coating (Coat)

Product Details

Immunogen:	A recombinant fragment (around aa 257-377) of human TYRP1 protein (exact sequence is proprietary)
Clone:	TYRP1-2340R
Isotype:	IgG
Specificity:	It reacts with a 75 kDa 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 Details

Purification: Purified by Protein A/G

Target Details

Target: Tyrosinase-Related Protein 1 (TYRP1)

Alternative Name: TYRP1 ([TYRP1 Products](#))

Molecular Weight: 75kDa

Gene ID: 7306

UniProt: [P17643](#)

Application Details

Application Notes: Positive Control: SK-MEL-23, SK-MEL-19, SK-MEL-30, SK-MEL-37 cells. Human Skin or Melanoma.

Known Application: 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 boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

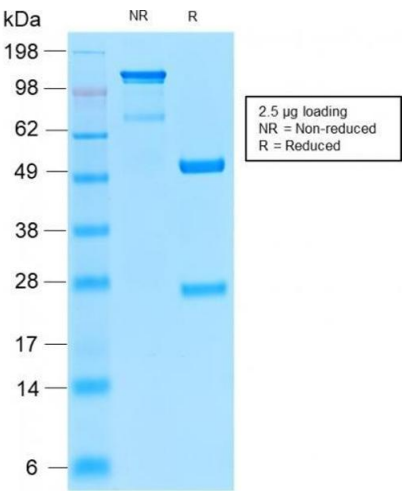
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

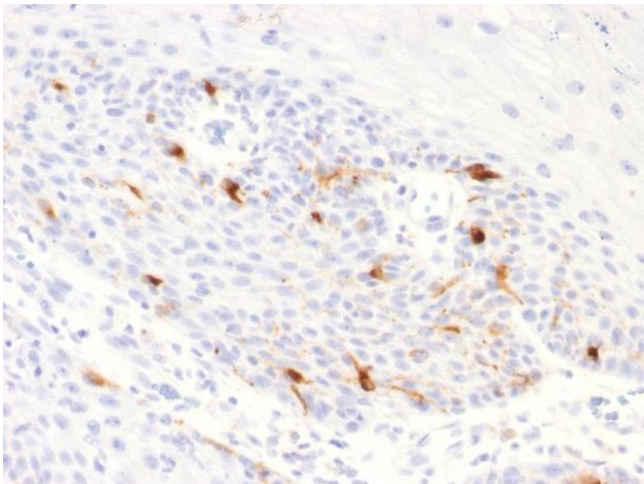
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



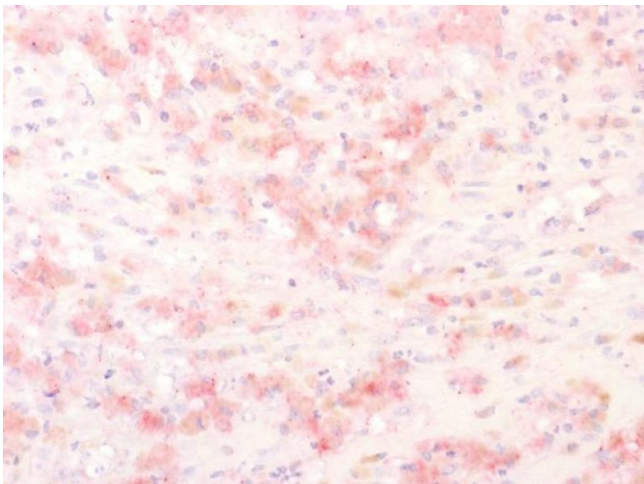
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified TYRP1 Recombinant Rabbit Monoclonal Antibody (TYRP1/2340R). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Basal Cell Carcinoma stained with TYRP1 Recombinant Rabbit Monoclonal Antibody (TYRP1/2340R).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Melanoma stained with TYRP1 Recombinant Rabbit Monoclonal (TYRP1/2340R); AEC Chromogen.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6940842.