

Datasheet for ABIN3024010

anti-TYR antibody**4** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TYR
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TYR antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant Tyrosinase protein was used as the immunogen for this antibody.
Clone:	T311
Isotype:	IgG2a kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	TYR
Alternative Name:	Tyrosinase (TYR Products)
Background:	Tyrosinase is a copper-containing metalloglycoprotein that catalyzes several steps in the melanin pigment biosynthetic pathway, the hydroxylation of tyrosine to L-3,4-dihydroxy-phenylalanine (dopa), and the subsequent oxidation of dopa to dopaquinone. Mutations of the

Target Details

gene occur in various forms of albinism. Tyrosinase is one of the targets for cytotoxic T-cell recognition in melanoma patients.

Gene ID: 7299

Application Details

Application Notes: The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titrated up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 1 mM EDTA, pH 7.5-8.5, for 10-20 min followed by cooling at RT for 20 minutes.

2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. Western blot: 2-5 µg/mL, FACS: 0.5-1 µg/million cells,IF: 1-2 µg/mL,IHC (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1),Prediluted format : incubate for 30 min at RT (2)

Restrictions: For Research Use only

Handling

Concentration: 0.2 mg/mL

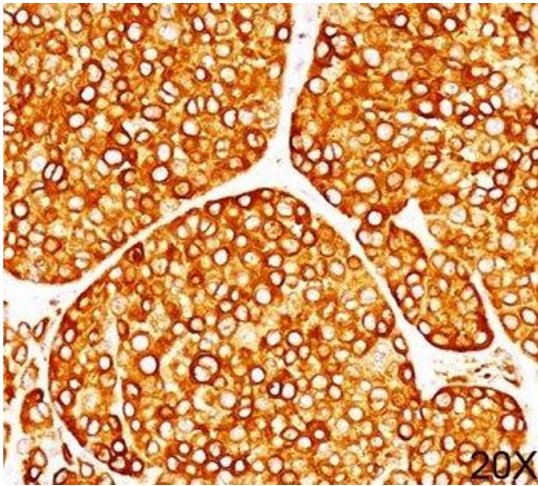
Buffer: 0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide

Preservative: Sodium azide

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

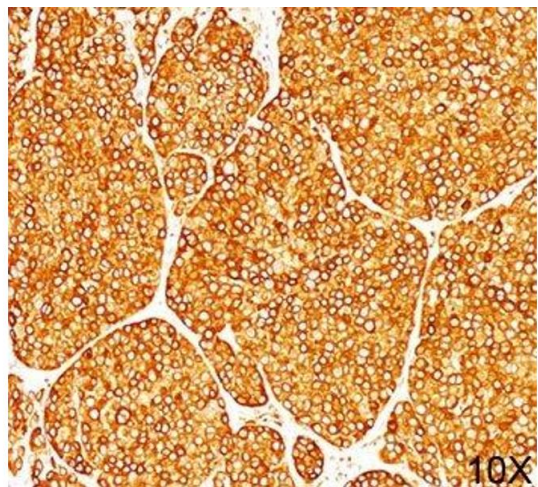
Storage: 4 °C,-20 °C

Storage Comment: Store the Tyrosinase antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



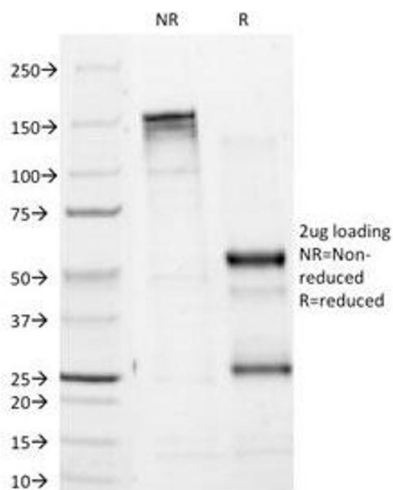
Immunohistochemistry

Image 1. IHC staining of melanoma tissue (20X) with Tyrosinase antibody (T311).



Immunohistochemistry

Image 2. IHC staining of melanoma tissue (10X) with Tyrosinase antibody (T311).



SDS-PAGE

Image 3. SDS-PAGE Analysis of Purified, BSA-Free Tyrosinase Antibody (clone T311). Confirmation of Integrity and Purity of the Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3024010.