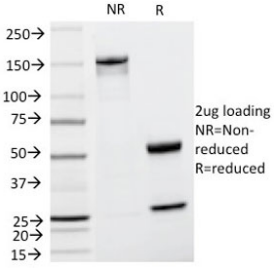
TRP1 Antibody / Tyrosinase-Related Protein-1 Antibody / TYRP1 [clone TA99] (V3174)

Catalog No.	Formulation	Size
V3174-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3174-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3174SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (19)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	TA99
Purity	Protein G affinity chromatography
UniProt	P17643
Localization	Cytoplasmic
Applications	Flow cytometry: 1-2ug/10^6 cells Immunofluorescence: 1-2ug/ml
Limitations	This TRP1 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free TRP1 antibody (clone TA99) as confirmation of integrity and purity.

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.

Application Notes

The optimal dilution of the TRP1 antibody for each application should be determined by the researcher.

Immunogen

SK-MEL-23 cells were used as the immunogen for this TRP1 antibody.

Storage

Store the TRP1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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