TRP1 Antibody Cocktail / Tyrosinase-Related Protein-1 / TYRP1 [clone TA99+ TYRP1/807] (V8819)

Catalog No.	Formulation	Size
V8819-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8819-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8819SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa + Mouse IgG2a, kappa
Clone Name	TA99+ TYRP1/807
Purity	Protein A/G affinity
UniProt	P17643
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This TRP1 antibody is available for research use only.



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

Optimal dilution of the TRP1 antibody should be determined by the researcher.

Immunogen

SK-MEL-23 cells (clone TA99) and recombinant full-length human TYRP1 protein (clone TYRP1/807) were used as the immunogen for the TRP1 antibody cocktail.

Storage

Aliquot the TRP1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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