Tyrosinase-Related Protein-1 (TRP-1) (Melanoma Marker) Antibody

Mouse Monoclonal Antibody [Clone TA99+ TYRP1/807]

Catalog No	Format	Size
7306-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7306-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7306-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

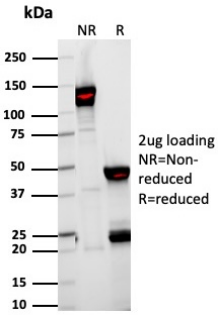
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	TA99+ TYRP1/807
Gene Name	TYRP1
Immunogen	SK-MEL-23 cells (TA99); Recombinant full-length human TYRP1 protein (TYRP1/807)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	75kDa
Cellular Localization	Melanosome, Melanosome membrane
Species Reactivity	Human, Mouse
Positive Control	SK-MEL-19, SK-MEL-23, SK-MEL-30, SK-MEL-37 cells. Melanoma.

**Optimal dilution for a specific application should be determined.*

Product Images for Tyrosinase-Related Protein-1 (TRP-1) (Melanoma Marker) Antibody



SDS-PAGE Analysis of Purified 5,6-dihydroxyindole-2-carboxylic acid oxidase Mouse Monoclonal Antibody (TA99+ TYRP1/807). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.

Research Areas

Cardiovascular

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.