Recombinant Tyrosinase-Related Protein-1 (TYRP-1) (Melanoma Marker) Antibody

Rabbit Monoclonal Antibody [Clone TRP1/9847R]

Catalog No	Format	Size
7306-RBM20-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7306-RBM20-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7306-RBM20-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
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	TRP1/9847R
Immunogen	Recombinant fragment corresponding to the c-terminal region of the human Tyrosinase Related Protein (TRP-1) protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	60.72kDa
Cellular Localization	Melanosome membrane
Species Reactivity	Human
Positive Control	Pigment cells

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

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

Specificity & Comments

Plays a role in melanin biosynthesis (PubMed:16704458, PubMed:22556244, PubMed:23504663). Catalyzes the oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid in the presence of bound Cu(2+) ions, but not in the presence of Zn(2+) (PubMed:28661582). May regulate or influence the type of melanin synthesized (PubMed:16704458, PubMed:22556244). Also to a lower extent, capable of hydroxylating tyrosine and producing melanin (By similarity).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. 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.

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.