

36-1783: Monoclonal Antibody to Tyrosinase-Related Protein-1 (TYRP-1) (Melanoma Marker)(Clone : SPM611)

Clonality :	Monoclonal
Clone Name :	SPM611
Application :	FACS,IF,IHC
Reactivity :	Human, Mouse
Gene :	TYRP1
Gene ID :	7306
Uniprot ID :	P17643
Format :	Purified
Alternative Name :	TYRP1,CAS2,TYRP,TYRRP
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Recombinant full-length human TYRP1 protein

Description

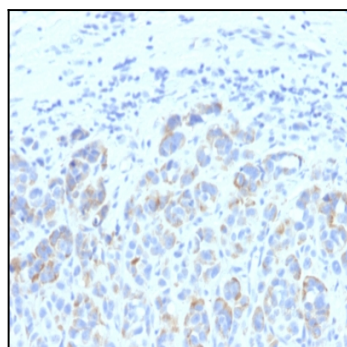
It reacts with a 75kDa melanocyte-specific gene product, identified as Tyrosinase-related protein-1 (TRP-1). It is involved in melanin synthesis. TRP1 is present on the melanosomal membranes of melanoma, normal melanocytes and nevi. Recent evidence suggests that TRP-1 is involved in maintaining stability 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.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (2-4ug/ml for 30 minutes 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)



Formalin-fixed, paraffin-embedded human Melanoma stained with TYRP1 Monoclonal Antibody (SPM611)