

Datasheet for ABIN6191246

anti-Tyrosinase-Related Protein 1 antibody (CF®405S)



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Overview

Quantity:	100 µL
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Tyrosinase-Related Protein 1 antibody is conjugated to CF®405S
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Mouse Monoclonal anti-TRP1 (Tyrosinase Related Protein-1) (TA99 + TYRP1/807), CF405S Conjugate
Immunogen:	SK-MEL-23 cells (TA99), Recombinant full-length human TYRP1 protein (TYRP1/807)
Clone:	TA99 TYRP1-807
Isotype:	IgG
Characteristics:	This antibody reacts with a 75 kDa 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. Primary antibodies are available purified, or with

Product Details

a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target: Tyrosinase-Related Protein 1 (TYRP1)

Alternative Name: TRP1 ([TYRP1 Products](#))

Molecular Weight: 75 kDa

Gene ID: 7306, 270279

UniProt: [P17643](#)

Application Details

Application Notes: Immunohistology (frozen only) 0.5-1 µg/mL

- Flow Cytometry 0.5-1 µg/million cells/0.1 mL
- Immunofluorescence 1-2 µg/mL
- Western blotting 0.5-1 µg/mL
- Optimal dilution for a specific application should be determined by user

Comment: SK-MEL-23, SK-MEL-19, SK-MEL-30, SK-MEL-37 cells or Melanoma.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 100 µg/mL

Buffer: PBS/0.1 % BSA/0.05 % azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from light