ANTIBODIES ONLINE

Datasheet for ABIN6157214

anti-Melanoma Marker antibody

1 Image

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Overview

Quantity:	50 µL
Target:	Melanoma Marker
Reactivity:	Human, Dog, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Melanoma Marker antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	Mouse Monoclonal anti-Melanoma Marker (PNL2), Purified, BSA-free
Immunogen:	Melanocyte antigen
Clone:	PNL2
Isotype:	IgG1
Characteristics:	Anti-PNL2 is a novel monoclonal antibody, which has recently been introduced as an immunohistochemical reagent to stain melanocytes and tumors derived therefrom. The antigen recognized by PNL2 is different from Melan A and gp100. Its epitope is not destroyed by digestion with neuraminidase i.e. its epitope id not glycosylated. Anti-PNL2 may be most useful because of its high sensitivity for metastatic melanoma (87 %), as opposed to 76 % for anti-HMB45 and 82 % for anti-MART-1. Anti-PNL2 labels intra-epidermal nevi while the dermal component of compound nevi are largely non-reactive with anti-PNL2. Antibodies against PNL2, MART-1 (Melan A) and HMB45 stain most clear cell sarcoma cells and a few cells in angio-

Product Details

	myolipomas and lymphangioleiomyomatosis. Anti-PNL2 is a useful antibody for the identification of melanomas and clear cell sarcomas. Differential diagnosis is aided by the results from a panel of antibodies, including antibodies against HMB45, MART-1, tyrosinase, and MiTF. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. See the < a href="https://biotium.com/wp-content/uploads/2013/07/CF-dye-selection-guide.pdf" target="_blank" rel="noopener">CF® Dye Selection Guide for more information. 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.
Purification:	Purified

Target Details

Target:	Melanoma Marker
Abstract:	Melanoma Marker Products
Background:	Human Melanoma Associated Antigen, PNL2
Molecular Weight:	Multiple (160 kDa, 100 kDa and <10 kDa)

Application Details

Application Notes:	Immunohistology (formalin) • Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes • Immunofluorescence 0.5-1 µg/mL • Optimal dilution for a specific application should be determined by user
Comment:	Melanoma
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS (no BSA, no azide)
Preservative:	Azide free

Images

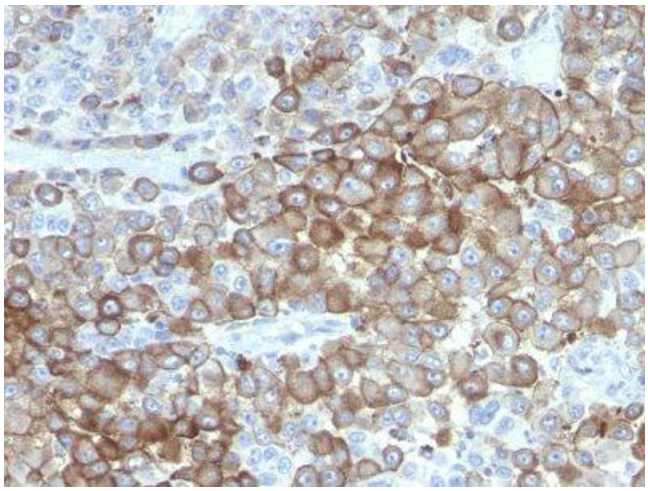

Image 1.

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