

Monoclonal Antibody to Melanocytes - Supernatant

Catalog No.:	AM10111SU-N
Quantity:	1 ml
Background:	Malignant melanoma is a malignant neoplasm of melanocytes, arising de novo or from a pre existing benign nevus, which occurs most often in the skin but also may involve other sites.
Host / Isotype:	Mouse / IgG1
Clone:	PNL2
Format:	State: Liquid culture medium Preservatives: 0.02% Sodium azide
Applications:	Western blot. Immunoprecipitation. Immunohistochemistry on Frozen sections. Immunohistochemistry on Paraffin sections. <i>Typical Starting Working Dilution:</i> 1/10. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The monoclonal antibody clone <i>PNL2</i> recognizes a melanocyte associated antigen. The antigen recognised by <i>PNL2</i> is chemically resistant and thus allows immunostaining after bleaching or decalcification. <i>PNL2</i> stains only melanocytic lesions, clear cell sarcoma, melanotic schwannome, angiomyolipoma and lymphangiomyomatosis. <i>PNL2</i> has the same specificity as anti Melan-A and HMB-45 antibodies. However <i>PNL2</i> staining is stronger and more consistent. The antigen recognized by <i>PNL2</i> is different from Melan-A and gp100.
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Rochaix P, Lacroix-Triki M, Lamant L, Pichereaux C, Valmary S, Puente E, et al. PNL2, a new monoclonal antibody directed against a fixative-resistant melanocyte antigen. Mod Pathol. 2003 May;16(5):481-90. PubMed PMID: 12748255.

Pictures:

Formalin-fixed, paraffin-embedded human melanoma stained with PNL2 antibody Cat.-No. AM10111SU-N using peroxidase conjugate and DAB chromogen. Note the cytoplasmic staining of smooth muscle fibers.

