

Monoclonal Antibody to Melanoma Associated Antigen (25-110 kDa) - Ascites

Catalog No.: BM2043
Quantity: 1 ml
Host / Isotype: Mouse / IgG1
Clone: NKI/C3
Immunogen: Isolated from Human Melanoma cells.
Format: **State:** Liquid Ascites
Applications: **ELISA.**

Immunoblotting
Immunohistochemistry on Paraffin Sections.

Working Dilution: 1/5-1/10.

Dilution Buffer: Dilute immediately before use with PBS.

Incubation Time: 1h at RT.

Recommended Positive Control: Melanoma.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: NKI/C-3 recognizes a melanoma-associated antigen present in the cytoplasm of melanoma cells and nevocellular nevi, in contrast to most mabs against melanoma-associated antigens present in the membrane, which are not retained after formalin fixation. Therefore, the mab is very useful for paraffin sections in routine pathology. Cross reactivity with carcinoids, medullary carcinomas of the thyroid, and occasionally prostatic, primary breast, ovarian, and lung carcinomas may be observed. No reaction is seen with basal cell carcinomas or brain tumors. NKI/C-3 does not react with normal melanocytes or other normal tissues except for mast cells, histiocytes, salivary glands, bronchial glands, pancreatic and prostatic epithelium. In immunoblotting the antibody reacts with diffuse protein bands between 25 and 100 kD.

Species Reactivity: **Tested:** Human.

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings: 1. van Duinen SG, Ruiters DJ, Hageman P, Vennegoor C, Dickersin GR, Scheffer E, et al. Immunohistochemical and histochemical tools in the diagnosis of amelanotic melanoma. *Cancer*. 1984 Apr 1;53(7):1566-73. PubMed PMID: 6365305.