Product datasheet MON7006-1



Mouse anti-Melanoma Associated Antigen, clone NKI/beteb (Monoclonal)

Clone no. NKI/beteb **MONOSAN**

Mouse anti-Melanoma Associated Antigen, clone NKI/beteb (Monoclonal) Product name

Host Mouse

Applications IHC-P, IHC-fr, IF

Species reactivity human

Conjugate

Immunogen Unknown or proprietery to MONOSAN and/or its suppliers

Isotype IgG2b

Clonality Monoclonal

Clone number NKI/beteb

Size 1 ml

Concentration 100 ug/ml

Format

Storage buffer PBS with 0.1% BSA and 0.02% sodium azide

Storage until expiry date 2-8°C

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Additional info

Melanoma associated antigen (MAA) is dispersed in the cytoplasma of melanoma cells, and is more concentrated inside vacuoles and sometimes on the melanosomes. Occasionally the antigen is seen on the cell surface. The antigen is actively shed from living cells. Although the antigen is associated with melanomas, it is not codistributed with the tyrosinase activity associated with melagonesis. The antigen shows codistribution with cathepsin D, which is a marker for lysosomal functions. The antibody NKI/beteb recognizes a (pre)melanosomal 100 kD and 7 kD antigen (glycoprotein). The antibody reacts with melanomas, clear cells sarcomas (melanoma of soft tissue), nevocellular nevi, and normal melanocytes. Except for one case of non-Hodgkin's lymphoma in which macrophages were positive, no reactions with other tumors or tissues have been observed.

References

- 1. Vennegoor et al. Am | Pathol 1988;130:179
- 2 Le Poole et al. J Invest Dermatol 1993;100:816
- 3. Adema et al. Am J Pathol 1993;143:1579
- 4. Adema et al. J Biol Chem 1994;269:20126
- 5. -

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