

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

Clone no. NKI/beteb

MONOSAN

Product name	Mouse anti-Melanoma Associated Antigen, clone NKI/beteb (Monoclonal)
Host	Mouse
Applications	IHC-P, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary 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

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Melanoma associated antigen (MAA) is dispersed in the cytoplasm 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 melanogenesis. 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 J 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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