

MAGEA1

Mouse Anti-Human Melanoma-associated antigen Clone NKI/beteb mAb

Catalog No.	MON7006-1 MON7006-5	Quantity:	1 ml 5 ml
Alternate Names:	MAGE1, melanoma antigen MAGE-1, melanoma antigen family A 1, melanoma antigen family A, 1, melanoma-associated antigen 1, melanoma-associated antigen MZ2-E		
Description:	<p>Mouse Anti-Human Melanoma-associated antigen Clone NKI/beteb mAb.</p> <p>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.</p>		
Concentration:	100 µg/ml		
Gene ID:	4100		
Host:	Mouse		
Isotype:	IgG2b		
Formulation:	1 ml liquid with 100 µg/ml affinity purified tissue culture supernatant in PBS + 0.1% BSA + 0.02% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Cross-Reactivity:	Except for one case of non-Hodgkin's lymphoma in which macrophages were positive, no reactions with other tumors or tissues have been observed.		
Applications:	Immunoperoxidase staining on frozen tissue sections Formalin fixation and embedding in paraffin may affect the reactivity of the antibody.		
Application Notes:	For immunofluorescence and immunohistology the typical starting working dilution is 1:10, however, the optimal concentration should be determined by the user for each specific application.		

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