

MAGEA1

Mouse Anti-Human Melanoma-Associated Antigen (Clone NKI/beteb) mAb

Catalog No.	MON7006-1 MON7006-5	Quantity:	1 mL 5 mL
Alternate Names:	CT1.1, MAGE1		
Description:	The monoclonal antibody recognizes the human Melanoma Associated Antigen (MAA/MAGE), which is dispersed in the cytoplasm of melanoma cells, and is more concentrated inside vacuoles and sometimes 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 co-distributed with the tyrosinase activity associated with melangonesis. The antigen shows co-distribution with cathepsin D, which is a marker for lysosomal functions.		
Gene ID:	4100		
UniProtKB:	P43355		
Concentration:	100 µg/mL		
Conjugate:	Unconjugated		
Specificity:	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.		
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.		
Host:	Mouse		
Isotype:	IgG2b		
Clone:	NKI/beteb		
Formulation:	1 mL of 0.2 µm-filtered antibody solution in PBS, 0.02% sodium azide, 0.1% BSA.		
Applications:	Immunofluorescence, Immunohistology		
Application Notes:	The antibody can be used for immunofluorescence and immunohistology on frozen and paraffin sections (formalin fixation and embedding in paraffin may affect the reactivity of the antibody). Dilutions to be used depend on detection system applied. The typical starting working dilution is 1:10. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 4 °C for up to one year.		
Statement:	PPE is recommended when working with products containing sodium azide.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

