

Mouse Anti-KBA.62 Melanoma Associated Antigen [KBA.62]: MC0846, MC0846RTU7

Intended Use: For Research Use Only

Description: KBA.62 is a novel anti-melanoma antibody. It reacts positively against melanocytic tumors but not other tumors, thus demonstrating specificity and sensitivity. Moreover, it reacts positively against junctional nevus cells but not intradermal nevi, and against fetal melanocytes but not normal adult melanocytes. KBA.62 antibody is useful in identifying malignant melanomas. Metastatic amelanotic melanoma can often be confused with a variety of poorly differentiated carcinomas, large cell lymphomas, sarcomas, spindle cell carcinomas and various types of mesenchymal neoplasms. A keratin-negative, vimentin-rich neoplasm that immuno-reacts with antibody to S-100 protein and with KBA.62 antibody is, with rare exception, a melanoma. Anti-KBA.62 is a useful additional marker for melanoma, specifically in desmoplastic/spindle cell cases and in the context of micro-metastasis in sentinel lymph node.

Specifications

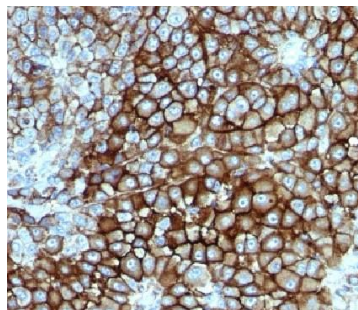
Clone:	KBA.62
Source:	Mouse
Isotype:	IgG1k
Reactivity:	Human
Immunogen:	Human KAL cells derived from lymph node metastasis of malignant melanoma
Localization:	Membrane, cytoplasm
Formulation:	Antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN ₃)
Storage:	Store at 2°- 8°C
Applications:	IHC, ICC/IF
Package:	

Description	Catalog No.	Size
KBA.62 Melanoma Associated Antigen Concentrated	MC0846	1 ml
KBA.62 Melanoma Associated Antigen Prediluted	MC0846RTU7	7 ml

IHC Procedure*

Positive Control Tissue:	SK-MEL-13 and SK-MEL-19 Melanoma cell lines; Melanomas
Concentrated Dilution:	50-200
Pretreatment:	Tris EDTA pH9.0, 15 minutes Pressure Cooker, or 30-60 minutes water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human melanoma stained with anti-KBA.62 using DAB

References

1. Immunohistochemical analysis of KBA.62 in 18 neurothekeomas: a potential marker for differentiating neurothekeoma, but a marker that may lead to confusion with melanocytic tumors. Suarez A, et al. J Cutan Pathol. Jan;41(1):36-41, 2014.
2. KBA.62: a useful marker for primary and metastatic melanomas. Cécile Pagès et. al. Human Pathology 39(8):1136–1142; 2008.
3. Production and characterisation of an antimelanoma monoclonal antibody KBA.62 using a new melanoma cell line reactive on paraffin wax embedded sections. E Cohen-Knafo, et al. J Clin Pathol. 48(9): 826–831, 1995.

Doc. 100-MC0846
Rev. A