

Product Datasheet

Melanoma Associated Antigen KBA.62 Antibody (orb2639621)

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.
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IF, IHC-P
Immunogen	Human KAL cells derived from lymph node metastasis of malignant melanoma were used as the immunogen for the Melanoma Associated Antigen KBA.62 antibody.
Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only

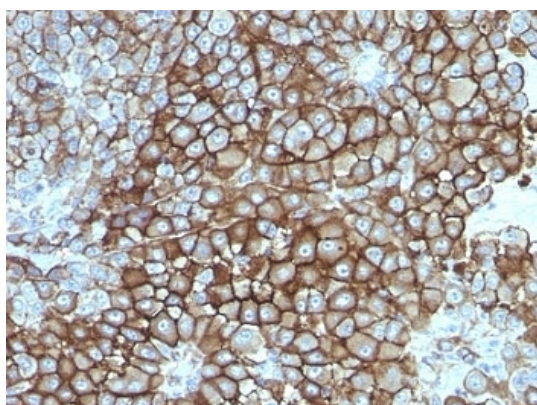
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Application notes	Optimal dilution of the Melanoma antibody PNL2 should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Isotype	Mouse IgG1, kappa
Clonality	Monoclonal
Clone Number	KBA.62
Antibody Type	Primary Antibody
Purity	Protein G affinity chromatography
Uniprot ID	Not Known
Hazard Information	This Melanoma Associated Antigen KBA.62 antibody is available for research use only.
Dilution Range	Immunofluorescence: 0.5-1ug/ml,Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
Expiration Date	12 months from date of receipt.



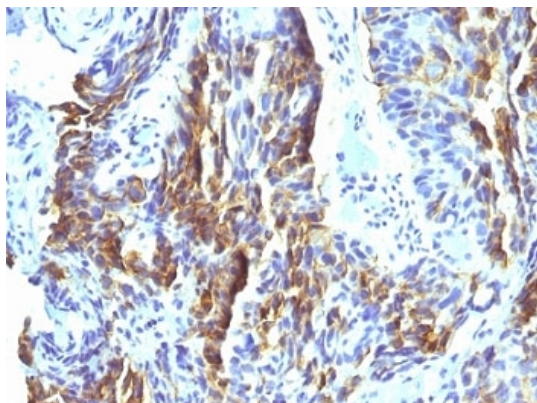
IHC: Formalin-fixed, paraffin-embedded human melanoma stained with Melanoma Associated Antigen antibody (clone KBA.62).

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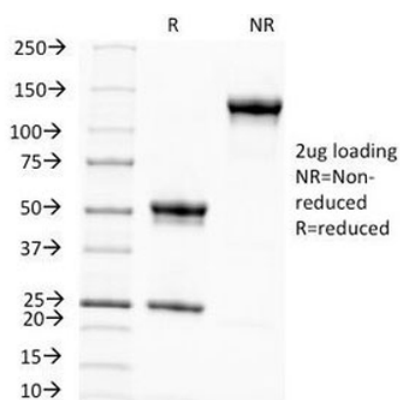
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IHC: Formalin-fixed, paraffin-embedded human tongue stained with Melanoma Associated Antigen antibody (clone KBA.62).



SDS-PAGE Analysis of Purified, BSA-Free Melanoma Associated Antigen Antibody (clone KBA.62). Confirmation of Integrity and Purity of the Antibody.

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