



Recombinant MART-1 / Melan-A Antibody [MLANA/1409R]

Cat. No.: 34-082



Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human, Mouse, Rat
IMMUNOGEN:	Human protein was used as the immunogen for this recombinant MART-1 antibody.
TESTED APPLICATIONS:	IHC-P
APPLICATIONS:	<p>Immunohistochemistry (FFPE): 0.5-1 ug/ml for 30 minutes at RT</p> <p>Prediluted IHC only format: incubate for 30 min at RT (1)</p> <p>The optimal dilution of the recombinant MART-1 antibody for each application should be determined by the researcher.</p> <p>1. 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.</p>

Ψ Properties

PURIFICATION:	Protein A affinity chromatography
CLONALITY:	Monoclonal
ISOTYPE:	IgG, k

CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	PBS with 0.1 mg/ml BSA and 0.05% sodium azide
CONCENTRATION:	0.2 mg/mL
STORAGE CONDITIONS:	Aliquot and Store at 2-8 °C. Avoid freeze-thaw cycles.

Ψ Additional Info

OFFICIAL SYMBOL:	MLANA
ALTERNATE NAMES:	MLANA, Antigen LB39-AA, Antigen SK29-AA, Melan-A, Protein Melan-A, MART-1, MART1
GENE ID:	2315
USER NOTE:	Optimal dilutions for each application to be determined by the researcher

Ψ Background and References

BACKGROUND:	MART-1/Melan-A is a protein antigen that is found on the surface of melanocytes. Antibodies against the antigen are used in the medical specialty of anatomic pathology in order to recognize cells of melanocytic differentiation, useful for the diagnosis of a melanoma. The MART-1/Melan-A antigen is specific for the melanocyte lineage, found in normal skin, the retina, and melanocytes, but not in other normal tissues. It is thus useful as a marker for melanocytic tumors (melanomas) with the caveat that it is normally found in benign nevi as well. [Wiki]
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