

Melan A antibody [DT101 + BC199]

Cat. No. GTX20731

Host	Mouse
Clonality	Multiclonal
Isotype	IgG
Applications	IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

Package
500 µl

Applications

Application Note

IHC:For an ABC system, dilute 1:50-100 and incubate for 30-60 minutes at RT. For formalin fixed paraffin embedded sections, perform heat mediated antigen retrieval before commencing with IHC. It is sometimes difficult to interpret DAB stained melanomas due to endogenous pigment. We recommend you substitute an AEC or a Fast Red substrate protocol. An avidin biotin blocking may be required for certain types of melanomas.

Product Note

This antibody recognizes a protein of 18kDa, identified at Melan A (Melanoma Antigen Recognized by T- cells 1) or Melan-A. The MART-1 recognizes a subcellular fraction found in melanosomes. The antibody labels melanomas and tumors showing melanocytic differentiation. It does not mark neoplasms of epithelial origin, lymphomas or mesenchymal tumors. Melan-A is a useful addition to melanoma panels as it is apparently specific for melanocytic lesions. Both HMB-45 and MART-1 are coexpressed in the majority of melanomas, as well as uniquely expressed in certain cases. Studies have shown that MART-1 is more sensitive than HMB-45 when labeling metastatic melanomas.

Properties

Form	Liquid
Buffer	Tissue culture supernatant diluted with PBS, protein carrier
Preservative	Proprietary preservative , not Sodium azide or Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	10 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant full length protein (Human).
Conjugation	Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).