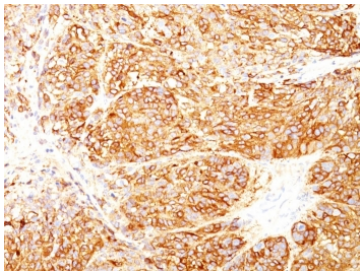
Melanoma Marker Antibody Cocktail (MART-1 & gp100) [clone DT101+ BC199 + HMB45] (V8320)

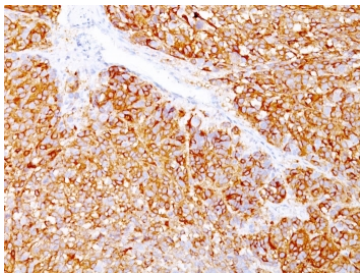
Catalog No.	Formulation	Size
V8320-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8320-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8320SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	IgG2b, kappa + IgG2b, lambda + IgG1, kappa
Clone Name	DT101+ BC199 + HMB45
Purity	Protein G affinity chromatography
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Melanoma Marker antibody cocktail is available for research use only.



IHC staining of FFPE human melanoma tissue with Melanoma Marker antibody cocktail (clones DT101+ BC199 + HMB45). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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Description

This antibody cocktail recognizes two melanoma-specific proteins, which include MART-1 and gp100. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Function of gp100 is not known but it is reported to be a useful marker for melanocytes and melanomas. A cocktail of these two markers is sensitive for labeling formalin-fixed, paraffin-embedded melanomas and other tumors showing melanocytic differentiation.

Explore our Melan-A Antibody / Melanocyte Lineage Marker clone A103 page for additional validation data and research applications involving melanoma biology, melanocytic tumor identification, and pigment cell differentiation pathways.

Application Notes

Optimal dilution of the Melanoma Marker antibody cocktail should be determined by the researcher.

Immunogen

Recombinant hMART-1 protein (DT101 & BC199) and extract of pigmented melanoma metastases from lymph nodes (HMB45) were used as the immunogen for this Melanoma Marker antibody cocktail.

Storage

Store the Melanoma Marker antibody cocktail at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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