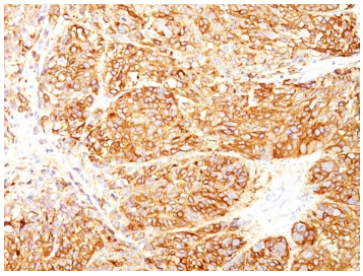
# Melanoma Marker Antibody Cocktail (MART-1 & gp100) [clone DT101+ BC199 + HMB45] (V8320)

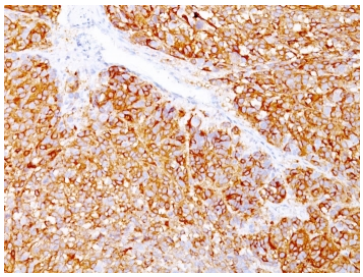
| Catalog No. | Formulation | Size |
|---|---|---|
| V8320-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8320-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8320SAF-100UG | 1 mg/ml in 1X PBS; BSA free,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