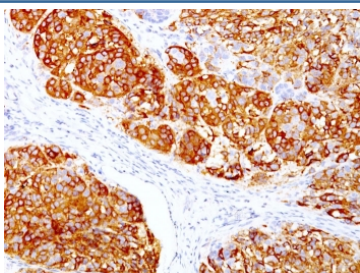


MART-1 Antibody Cocktail / Melan-A [clone DT101 + BC199] (V7772)

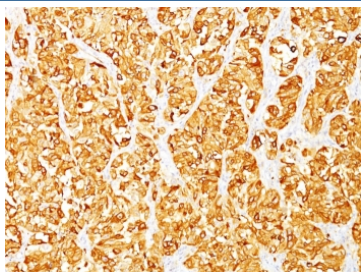
| Catalog No. | Formulation | Size |
|----------------|--|--------|
| V7772-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V7772-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V7772SAF-100UG | 1 mg/ml in 1X 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 | Mouse IgG2b |
| Clone Name | DT101 + BC199 |
| Purity | Protein G affinity chromatography |
| UniProt | Q16655 |
| Localization | Cytoplasmic |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml |
| Limitations | This MART-1 antibody cocktail is available for research use only. |



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



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Description

This antibody cocktail recognizes a protein doublet of 20-22kDa, identified as MART-1 (Melanoma Antigen Recognized by T cells 1) or Melan-A. MART-1 is a melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Seven other melanoma associated antigens recognized by autologous cytotoxic T cells include MAGE-1, MAGE-3, tyrosinase, gp100, gp75, BAGE-1, and GAGE-1. Subcellular fractionation shows that MART-1 is present in melanosomes and endoplasmic reticulum. This MAb cocktail labels melanomas and other tumors showing melanocytic differentiation. It is also a useful positive-marker for angiomyolipomas. It does not stain tumor cells of epithelial, lymphoid, glial, or mesenchymal origin.

Application Notes

Optimal dilution of the MART-1 antibody cocktail should be determined by the researcher.

Immunogen

Recombinant human protein was used as the immunogen for the MART-1 antibody cocktail.

Storage

Store the MART-1 antibody cocktail at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).