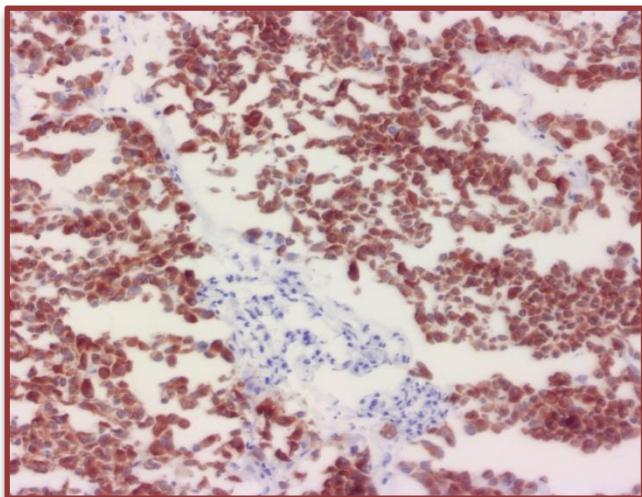
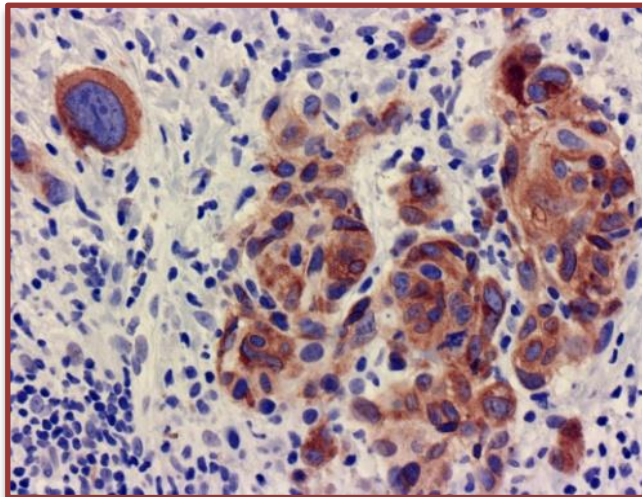


## ihcDirect<sup>®</sup> Mart-1 Kit

### Anti-Human Mart-1 (Clone A103)



Melanoma Using Frozen Tissue



Melanoma Using FFPE Tissue

**Catalog Number:** K41009-XXX:

**Package Size:** -005: For ~50 IHC Tests using frozen or FFPE tissues  
(XXX) -010: For ~100 IHC Tests using frozen or FFPE tissues  
-030: For ~300 IHC Tests using frozen or FFPE tissues

**Antibody:** Mouse

**Storage:** Store at 4°C upon receiving. **DO NOT FREEZE.**

**Intended Use:** For In Vitro Diagnostic Use

Polymerized horseradish peroxidase (pHRP)-labeled anti Mart-1 (Melan A) antibody (Mart-1 pHRP) is intended for laboratory use to qualitatively identify by light microscopy the presence of Melan A in sections of formalin-fixed, paraffin-embedded tissue sections or frozen tissues using immunohistochemistry (IHC) test methods. The clinical interpretation of any staining or its absence should be complemented by morphological studies using proper controls and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist/physician. This conjugate has been pre-diluted and optimized for IHC use without further dilution.

#### Summary and Explanation:

The Mart-1 antibody recognizes Melan A, a protein with 118 amino acids, which is a melanocyte differential antigen. It is present in melanocytes of normal skin, retina, nevi, and in more than 85% of melanomas (Orchard GE, 1998; Kageshita T, 1997). This antibody does not stain normal or tumor tissues from non-melanocyte lineage. The key component in this kit is polymerized horseradish peroxidase (pHRP) labeled mouse anti-human Mart-1 monoclonal antibody (clone A103). The ihc Blocker provided in the kit used prior to applying pHRP-Mart-1 conjugate will reduce background and nonspecific staining. Chromogen 3,3'-diaminobenzidine (DAB) is used in this kit.

