

## Melanoma (gp100) Ab-1

Catalog # MS-364-S0, -S1, or -S (0.1ml, 0.5ml, or 1.0ml)

Catalog # MS-364-R7 (7.0ml)

Catalog # MS-364-PCS

Please note this data sheet has been changed effective March 29, 2010

### INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** By immunohistochemistry, Ab-1 specifically recognizes a protein in melanocytes and melanomas. Intradermal nevi, normal adult melanocytes, and non-melanocytic cells are negative. It does not stain tumor cells of epithelial, lymphoid, glial, or mesenchymal origin.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** Melanoma

### MATERIALS PROVIDED:

**Melanoma (gp100) Ab-1 (refer to catalog number):**

- #MS-364-S (or -S0, -S1): Tissue culture supernatant, concentrated, with 0.09% Sodium Azide.  
or
- #MS-364-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.  
or
- #MS-364-PCS: 5 positive control slides.
- **Antibody Concentration:** Not known
- **Host:** Mouse
- **Mol. Wt. of Antigen:** 100kDa
- **Species Reactivity:** Human. Does not react with dog and rat. Others-not known.
- **Clone Designation:** HMB45
- **Ig Isotype / Light Chain:** IgG1 / kappa
- **Immunogen:** Extract of pigmented melanoma metastases from lymph nodes.
- **Microbiological State:** This product is not sterile.

### MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

### METHODS AND PROCEDURES:

Using UltraVision LP detection systems	
<b>Specimen Preparation</b>	Refer to the "General Protocol" instructions.
<b>Dilution of Concentrated Antibody</b>	1:40-1:80 in antibody diluent
<b>Tissue Section Pretreatment</b>	Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min.
<b>Primary Antibody Incubation Time</b>	20 minutes at Room Temperature
<b>Visualization</b>	To detect antibody, follow the instructions provided with the visualization system.

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<i>Using UltraVision Quanto detection systems</i>	
<b>Specimen Preparation</b>	Refer to the "General Protocol" instructions.
<b>Dilution of Concentrated Antibody</b>	1:50 in antibody diluent
<b>Tissue Section Pretreatment</b>	Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min.
<b>Primary Antibody Incubation Time</b>	20 minutes at Room Temperature
<b>Visualization</b>	To detect antibody, follow the instructions provided with the visualization system.

### STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

### REFERENCES:

- 1) Esclamado RM, et. al. American Journal of Surgery, 1986, 152(4):376-85.
- 2) Gown AM, et. al. American Journal of Pathology, 1986, 123(2):195-203.