

Calprotectin-Monocyte / Macrophage / L1 Protein Ab-1

Catalog # MS-148-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # MS-148-R7 (7.0ml)

Please note this data sheet has been changed effective December 6, 2011

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:** Ab-1 has been shown as an excellent monocyte marker in tissue sections. It reacts with neutrophils, monocytes, macrophages, and squamous mucosal epithelia.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** Tonsil, lymph node, or spleen

MATERIALS PROVIDED:

Macrophage / L1 Protein / Calprotectin Ab-1 (refer to catalog number):

- #MS-148-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
- or
- #MS-148-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
- **Antibody Concentration:** 200ug/ml
- **Host:** Mouse
- **Epitope:** Not determined
- **Species Reactivity:** Human, Baboon, Monkey, Pig, Cat, Dog, Guinea pig, Rat, and Mouse. Others-not known.
- **Clone Designation:** MAC 387
- **Ig Isotype / Light Chain:** IgG1
- **Immunogen:** Affinity purified monocyte membrane preparation
- **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:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:1000 in antibody diluent
Tissue Section Pretreatment	Staining of formalin-fixed tissue sections requires treating the tissue sections in trypsin at 1 mg/ml PBS, (Lab Vision Catalog # AP-9008) for 10 minutes at 37C.
Primary Antibody Incubation Time	20 minutes at Room Temperature
Visualization	To detect antibody, use a high-sensitivity detection system such as UltraVision LP Detection System (Cat# TL-015) and follow the instructions provided with the visualization system.
Staining Tips	If the staining is too light, use lower dilution or longer time. If the staining is too strong, use higher dilution or shorter time.

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) Andersen CB; et al. Apmis, 1994, 102(1):23-37.
- 2) Coleman N; Stanley MA. et al. Human Pathology, 1994, 25(1):73-9.



Lab Vision Corporation
46360 Fremont Blvd.
Fremont, CA 94538-6406, USA
US Toll Free: 1 (800) 522-7270
Phone: +1 (269) 544-5600
Fax: +1 (269) 372-2674
www.thermoscientific.com/labvision



Thermo Fisher Scientific
Anatomical Pathology
Tudor Road, Manor Park
Runcorn, Cheshire WA7 1TA, UK
Tel: +44 (0) 1928 534 050
Fax: +44 (0) 1928 534 049
sales.ap.uk@thermofisher.com