

Vimentin Ab-2

Catalog # MS-129-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # MS-129-R7 (7.0ml)

Catalog # MS-129-RQ (12.0ml)

Catalog # MS-129-PCS

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:** Vimentin is the main intermediate filament protein in mesenchymal cells and is therefore of value in the differential diagnosis of undifferentiated neoplasms.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** Sarcomas.

MATERIALS PROVIDED:

Vimentin Ab-2 (refer to catalog number):

- #MS-129-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-129-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-129-RQ: (12.0ml) of antibody prediluted in 0.025mol/L Tris-HCl, pH 7.4 ±0.1 containing stabilizing protein and 0.015mol/L sodium azide.
or
- #MS-129-PCS: 5 positive control slides.
- **Antibody Concentration:** 200ug/ml
- **Host:** Mouse
- **Mol. Wt. of Antigen:** 57-60kDa
- **Epitope:** Not determined
- **Species Reactivity:** Human, Monkey, Cow, Horse, Pig, Rabbit, Dog, Cat, Rat, Mouse, Hamster, Gerbil, and Chicken. Others-not known.
- **Clone Designation:** V9
- **Ig Isotype / Light Chain:** IgG1 / kappa
- **Immunogen:** Purified vimentin from pig eye lens
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

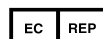
- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:**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

METHODS AND PROCEDURES:

Using UltraVision LP Detecton Systems	
Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:50-100 in antibody diluent
Tissue Section Pretreatment	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.
Primary Antibody Incubation Time	20 minutes at Room Temperature
Visualization	To detect antibody, follow the instructions provided with the visualization system.



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Using UltraVision Quanto Detection Systems	
Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:50 in antibody diluent
Tissue Section Pretreatment	Staining of formalin-fixed tissues REQUIRES boiling tissue in 10mM citrate buffer, pH 6.0, (Lab Vision Cat. #AP-9003), for 10-20 min followed by cooling at RT for 20 min.
Primary Antibody Incubation Time	20 minutes at Room Temperature using UltraVision Quanto Detection Systems
Visualization	To detect antibody, follow the instructions provided with the visualization system.

STORAGE and STABILITY:

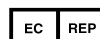
This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

REFERENCES:

- 1) Uusitalo M; et al. Investigative Ophthalmology and Visual Science, 1995 Dec, 36(13):2584-91.
- 2) Abeln EC; et al. British Journal of Cancer, 1994 Aug, 70(2):255-62.



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