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# cappel

**Vimentin Monoclonal Antibody 1.0 ML**

**Catalog #: 10515**

**Lot #: 8574C**

**Species:** Mouse Monoclonal; Hybridoma: mouse myeloma cells SP 2/0 Ag14-BALB/c.

**Clone:** V9

**Ig Class:** IgG<sub>1</sub>

**Reagent:** Culture supernatant

**Immunogen:** Isolated from Calf lens

**Specificity:** Immunoblotting:  
Antibody reacts with the 57 kD vimentin protein. Cross-reactivity with Vimentin in most mammals.

Note: The antibody reacts specifically with cells of mesenchymal origin, such as fibroblasts, endothelial cells, some smooth muscle cells, chondrocytes, lymphocytes, and blood cells. It can also be used for the diagnosis of malignant mesenchymal tumors such as lymphomas, melanomas, sarcomas, and also carcinomas. Most myosarcomas are positive.

**Localization:** Cytoplasm

**Application:** Frozen Sections/Cell Preparations; Paraffin Sections  
Pretreatment of paraffin sections is with protease digestion: Trypsin. (A microwave oven can also be used for pretreatment but the better pretreatment is with trypsin.)  
Note: Frozen Sections, fixation: acetone 5 minutes at -20°C.  
Paraffin Sections, fixation: formaldehyde.

**Positive Control:** Skin

**Contents:** 1.0 ML

**Dilution:** 1:10 (Indirect method, 30 minute incubation)  
Dilute immediately before use with PBS. Optimal dilution should be tested by serial dilution.

**Storage:** Store undiluted antibody at 2-8°C. For prolonged storage, store aliquots at -20°C.

**Reference:** Muyen G.N.P. van et al. Coexpression of Intermediate Filament Polypeptides in Fetal and Adult Tissues (1987).Lab. Invest., **57**, 4,359-369.

This product is intended for Research Use Only, "for Tests *in vitro*", not for use in diagnostic or therapeutic procedures involving humans or animals.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water. R0703

  
Approved by: Joseph Dietz, Ph.D.  
Quality Control Director

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