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cappel

Vimentin Monoclonal Antibody 1.0 ML

Catalog #: 10515

Lot #: 7069A

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

Ig **Class:** IgG₁

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.

Localization: Cytoplasm

Application: Frozen Sections/Cell Preparations; Paraffin Sections (Microwave Oven)

Note: Frozen Sections, fixation: acetone 5 minutes at -20°C.
Paraffin Sections, fixation: formaldehyde.

Application: 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.

Positive **Control:** Skin

Contents: 1.0 ML

Dilution: 1:10

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. R071


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

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