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cappel

Vimentin Monoclonal Antibody 1.0 ML

Catalog #: 10515

Lot #: 5054H

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

Clone: V9

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.

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)
With the ABC method the dilution can be 5-10 times higher.
Dilute immediately before use with PBS or Tris. 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. R0907


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

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