MONOCLONAL ANTIBODIES FOR IMMUNOPATHOLOGY

anti-MUSCLE ACTIN
Cat. No. C34931 (Concentrated Antibody)
0.5 ml, 20-50X concentrate

Clone: HHF35
Antibody Type: Mouse IgG1

Affinity purified monoclonal antibody concentrate, supplied in phosphate buffered saline containing 1% bovine serum albumin (BSA) and 0.1% sodium azide.

**Warning:** Sodium azide can react with lead or copper in drain lines to form explosive metal azides. Upon disposal, flush with a large volume of water to prevent azide build-up in drain lines.

A 20- to 50-fold dilution of the antibody is suggested. Optimal dilution must be determined by the user.

Quantity: 0.5 ml
Storage: Store refrigerated at 2-8°C if the product will be used routinely. For long term storage, aliquot into small, convenient portions and store frozen at or below -20°C in a freezer that is not self-defrosting. Avoid multiple freeze-thaw cycles or exposure to frequent temperature changes.

Specificity: HHF35 recognizes actin isoforms alpha and gamma (42kd) of skeletal, cardiac and smooth muscle. It is nonreactive with other mesenchymal and all epithelial cells, with the exception of myoepithelium. This antibody labels rhabdomyosarcomas, hemangiopericytomas, leiomyosarcomas and leiomyomas but does not react with non-myoepigen sarcomas. It is nonreactive with other neoplasms such as carcinoma or lymphoma.

Application: This antibody can be used for staining of paraffin-embedded tissue sections fixed in neutral buffered formalin and is compatible with most commonly used histological fixatives.

Choose a good quality enzyme-linked anti-mouse IgG1 antibody for detection.

References: