

Actin antibody [AC-40]

Catalog No.: 15-288-21213

Quantity: 0.1 mg

Background: The two major cytoskeletal proteins implicated in cell motility are actin and myosin. Actin and myosin are constituents of many cell types and are involved in a myriad of cellular processes including locomotion, secretion, cytoplasmic streaming, phagocytosis and cytokinesis. Although actin is one of the most conserved eukaryotic proteins, it is expressed in mammals and birds as at least six isoforms characterized by electrophoresis and amino acid sequence analysis. Four of them represent the differentiation markers of muscle tissues and two are found in practically all cells.

Host / Isotype: Chicken

Immunogen: Synthetic peptide: SGPSIVHRKCF (human) attached to a Multiple Antigen Peptide (MAP) backbone.

Format: **Purification:** Protein A purified
Buffer System: Preservative: 15mM Sodium Azide; Constituents: 1% BSA, 0.01M PBS. pH 7.4
Label: FITC

Applications: IF, IHC-Fr, IHC-P
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Cross-reacts with Human, Mouse, Rat, Xenopus laevis, Cow, Carp, Chicken, Dog, Goat, Guinea pig, Hamster, Pig, Rabbit, Sheep, Snail and Viper. Not yet tested in other species.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com