
Fractin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253137

Unit: 0.1 ml

Description:

During apoptosis, beta actin is cleaved by activated caspase 3 between Asp244 and Gly245. This cleavage results in the release of an approximately 130 amino acid (15 kDa) fragment from the C-terminus of beta actin and a 32 kDa (244 amino acid) N-terminal fragment of actin, known as fractin. The C -terminus of the fractin fragment represents an apoptosis-specific neoepitope that is not antigenic in native full-length beta actin and therefore presents a novel and specific marker for distinguishing apoptotic from necrotic cells.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, R

Format: Each vial contains 0.1 ml of crude serum.

Alternate Names: Actin, cytoplasmic 1; Beta-actin; ACTB

Accession No.: P60709

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human fractin.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000; IHC: 1:100

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.