
Survivin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252127

Unit: 0.1 mg

Description:

Apoptosis inhibitor surviving (survivin) is a component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. The complex with RAN plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. Survivin is expressed only in fetal kidney and liver, and to lesser extent, lung and brain. Survivin is abundantly expressed in adenocarcinoma (lung, pancreas, colon, breast, and prostate) and in high-grade lymphomas. Survivin is also expressed in various renal cell carcinoma cell lines.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Baculoviral IAP repeat-containing protein 5; Apoptosis inhibitor survivin; Apoptosis inhibitor 4; BIRC5; API4; IAP4

Accession No.: O15392

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

Application Notes: E: 1:10,000-1:50,000; WB: 1:200-1:1,000

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.