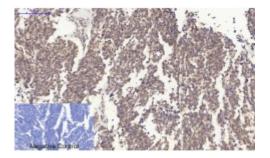


Anti-Survivin antibody





Description

Survivin is a protein encoded by the BIRC5 gene which is approximately 16,3 kDa. Survivin is localised to the cytoplasm and nucleus. It is involved in apoptosis modulation and signalling, IL-23 signalling pathway and mitotic cell cycle. This protein falls under the inhibitor of apoptosis gene family. It is a multitasking protein that has dual roles in promoting cell proliferation and preventing apoptosis. Survivin is expressed in the fetal kidney and liver, and to lesser extent, in the lung and brain. Mutations in the BIRC5 gene may result in ovarian epithelial cancer and cervical carcinosarcoma. STJ95838 was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen. This antibody detects endogenous survivin protein.

Model STJ95838

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IF, IHC, WB

Immunogen Synthesized peptide derived from human Survivin around the non-

phosphorylation site of T117.

Immunogen Region 60-140 aa

Gene ID 332

Gene Symbol BIRC5

Dilution range WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000

Specificity Survivin Polyclonal Antibody detects endogenous levels of Survivin protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein NameBaculoviral IAP repeat-containing protein 5 Apoptosis inhibitor 4 Apoptosis

inhibitor survivin

Molecular Weight 20 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:593OMIM:603352</u>

Alternative Names Baculoviral IAP repeat-containing protein 5 Apoptosis inhibitor 4 Apoptosis

inhibitor survivin

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