

Survivin(Ab-117) polyclonal antibody

Catalog: BCP01586

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Survivin is a 16 kDa anti-apoptotic protein highly expressed during fetal development and cancer cell malignancy. Survivin binds and inhibits caspase-3, controlling the checkpoint in the G2/M-phase of the cell cycle by inhibiting apoptosis and promoting cell division. This regulatory process requires the phosphorylation of survivin at Thr34 by p34 cdc2 kinase. Gene targeting using a Thr34 phosphorylation-defective survivin mutant, as well as antisense survivin, have been shown to inhibit tumor growth.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 18 kDa

Swiss-Prot:

O15392

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:5000

IF: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Survivin(Ab-117) polyclonal antibody detects endogenous levels of Survivin protein.

DATA:

Western blot (WB) analysis of Survivin(Ab-117) polyclonal antibody at 1:2000 dilution

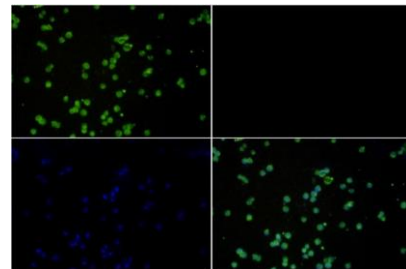
Lane1:PMVEC whole cell lysate(40ug)

Lane2:CT-26 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:Jurkat whole cell lysate(40ug)

Lane5:PC3 whole cell lysate(40ug)



Immunofluorescence analysis of Jurkat cells using Survivin antibody at dilution of 1:50.

Note:

For research use only, not for use in diagnostic procedure.