

Product datasheet for **TA392516S**

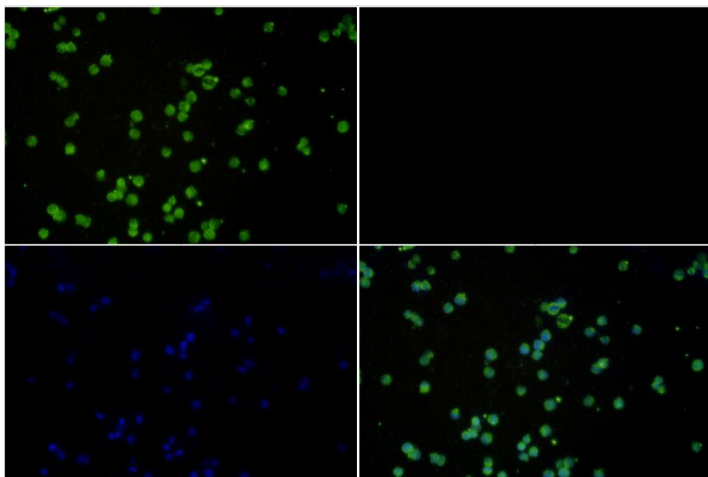
BIRC5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1:2000~1:5000 IF: 1:50~1:200
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to Human Survivin.
Specificity:	Survivin(Ab-117) polyclonal antibody detects endogenous levels of Survivin protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 18 kDa
Gene Name:	baculoviral IAP repeat containing 5
Database Link:	Entrez Gene 332 Human O15392
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.
Synonyms:	API4; Apoptosis inhibitor 4; Apoptosis inhibitor survivin; Baculoviral IAP repeat-containing protein 5; BIRC5; IAP4
Note:	For research use only, not for use in diagnostic procedure.



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Product images:

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