

## Product datasheet for **TA392516**

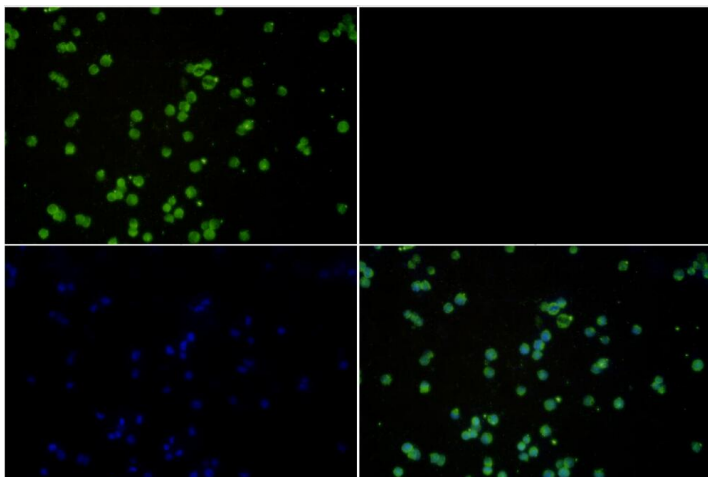
### **BIRC5 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IF, WB
<b>Recommended Dilution:</b>	WB: 1:2000~1:5000 IF: 1:50~1:200
<b>Reactivity:</b>	Human, Rat, Mouse
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide, corresponding to Human Survivin.
<b>Specificity:</b>	Survivin(Ab-117) polyclonal antibody detects endogenous levels of Survivin protein.
<b>Formulation:</b>	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
<b>Concentration:</b>	1mg/ml
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
<b>Stability:</b>	1 year
<b>Predicted Protein Size:</b>	~ 18 kDa
<b>Gene Name:</b>	baculoviral IAP repeat containing 5
<b>Database Link:</b>	<a href="#">Entrez Gene 332 Human O15392</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	API4; Apoptosis inhibitor 4; Apoptosis inhibitor survivin; Baculoviral IAP repeat-containing protein 5; BIRC5; IAP4
<b>Note:</b>	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.