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Datasheet for ABIN670911

anti-Survivin antibody (AA 85-142)

8 Images

1 Publication

Overview

Quantity:	100 µL
Target:	Survivin (BIRC5)
Binding Specificity:	AA 85-142
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Survivin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Survivin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	Survivin (BIRC5)
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Target Details

Alternative Name: [Survivin \(BIRC5 Products\)](#)

Background: Synonyms: API4, EPR-1, Baculoviral IAP repeat-containing protein 5, Apoptosis inhibitor 4, Apoptosis inhibitor survivin, BIRC5, IAP4

Background: Multitasking protein that has dual roles in promoting cell proliferation and preventing apoptosis. Component of a chromosome passage protein complex (CPC) which is essential for chromosome alignment and segregation during mitosis and cytokinesis. Acts as an important regulator of the localization of this complex, directs CPC movement to different locations from the inner centromere during prometaphase to midbody during cytokinesis and participates in the organization of the center spindle by associating with polymerized microtubules. 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. May counteract a default induction of apoptosis in G2/M phase. The acetylated form represses STAT3 transactivation of target gene promoters. May play a role in neoplasia. Inhibitor of CASP3 and CASP7. Isoform 2 and isoform 3 do not appear to play vital roles in mitosis. Isoform 3 shows a marked reduction in its anti-apoptotic effects when compared with the displayed wild-type isoform.

Gene ID: 332

UniProt: [O15392](#)

Pathways: [Apoptosis](#), [Cell Division Cycle](#), [Nuclear Hormone Receptor Binding](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

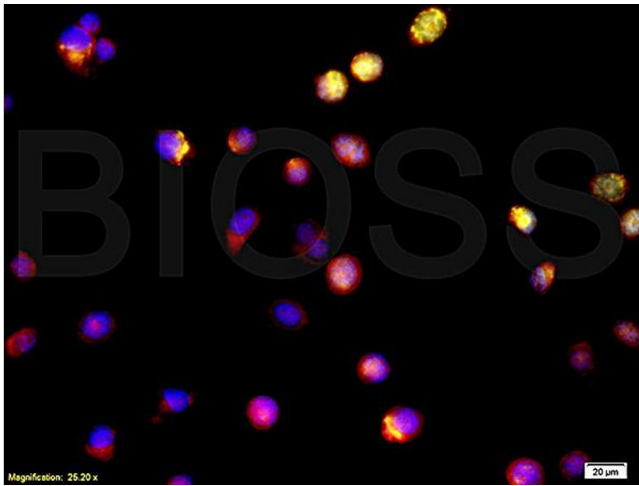
Product cited in:	Assaf, Abdel-Maged, Elsadek, Hassan, Adly, Ali: "Survivin as a Novel Biomarker in the Pathogenesis of Acne Vulgaris and Its Correlation to Insulin-Like Growth Factor-I." in: Disease markers , Vol. 2016, pp. 7040312, (2017) (PubMed).
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Images



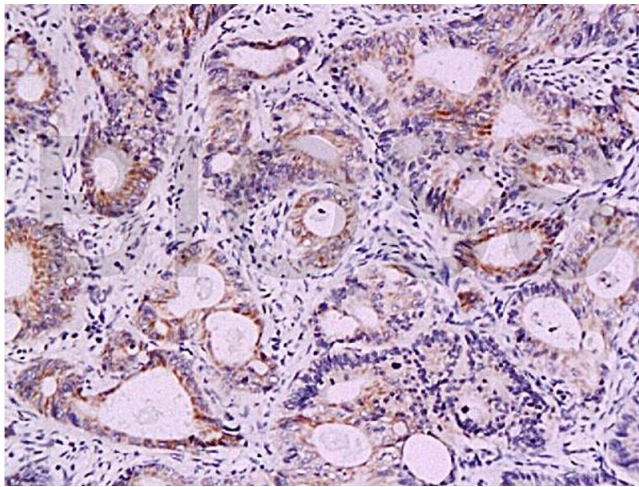
Immunohistochemistry

Image 1. Human Gastric Cancer Cells labeled with Anti-Survivin Polyclonal Antibody, Unconjugated (ABIN670911) at 1:300, followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 2. Formalin-fixed human oral squamous cell carcinoma labeled with Anti-Survivin Polyclonal Antibody, Cy3 conjugated (ABIN670911) used at 1:200 dilution for 40 minutes at 37°C, followed by DAPI staining



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-Survivin Polyclonal Antibody, Unconjugated (ABIN670911) at 1:200, followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN670911.