



Datasheet for ABIN559893
anti-Survivin antibody (AA 1-100)



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2 Publications

Overview

Quantity:	100 µg
Target:	Survivin (BIRC5)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Survivin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant BIRC5.
Immunogen:	BIRC5 (NP_001159, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGAPTLPPAW QPFLKDHRIS TFKNWPFLG CACTPERMAE AGFIHCPTEN EPDLAQCFCC FKELEGWEPD DDPIEEHKKH SSGCAFLSVK KQFEELTLGE
Clone:	5B10
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Survivin (BIRC5)
Alternative Name:	BIRC5 (BIRC5 Products)
Background:	Full Gene Name: baculoviral IAP repeat-containing 5 Synonyms: API4,EPR-1
Gene ID:	332
NCBI Accession:	NM_001168
Pathways:	Apoptosis , Cell Division Cycle , Nuclear Hormone Receptor Binding

Application Details

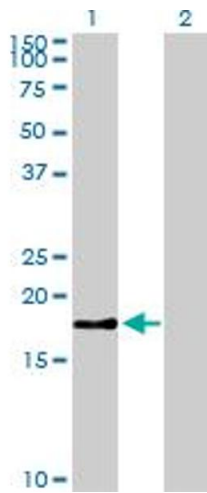
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	<p>Horowitz, Ajayi, Kulasekaran, Rogers, White, Townsend, White, Nho, Higgins, Huang, Sisson: "Survivin expression induced by endothelin-1 promotes myofibroblast resistance to apoptosis." in: The international journal of biochemistry & cell biology, Vol. 44, Issue 1, pp. 158-69, (2011) (PubMed).</p> <p>Yamazaki, Fujiwara, Yukinaga, Ebisuya, Shiki, Kurihara, Kioka, Kambe, Nagao, Nishida, Masuda: "The closely related RNA helicases, UAP56 and URH49, preferentially form distinct mRNA export machineries and coordinately regulate mitotic progression." in: Molecular biology of the cell, Vol. 21, Issue 16, pp. 2953-65, (2010) (PubMed).</p>
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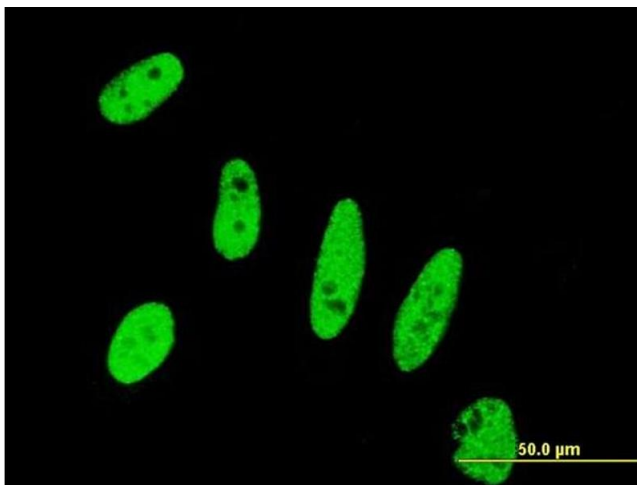


Western Blotting

Image 1. Western Blot analysis of BIRC5 expression in transfected 293T cell line by BIRC5 monoclonal antibody (M01), clone 5B10.

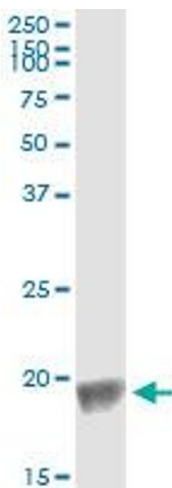
Lane 1: BIRC5 transfected lysate(16.4 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to BIRC5 on HeLa cell. [antibody concentration 10 ug/ml]



Immunoprecipitation

Image 3. Immunoprecipitation of BIRC5 transfected lysate using anti-BIRC5 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with BIRC5 MaxPab rabbit polyclonal antibody.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN559893.