

# Survivin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Dog, Cat, Guinea pig, Hamster, Human, Mouse, Rat
Published Species	Rat, Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant human survivin, full-length.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	-20°C or -80°C if preferred
RRID	AB_568741

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	5 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:500	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	1:50-1:250	-
Flow Cytometry (Flow)	Assay-Dependent	-
ELISA (ELISA)	Assay-Dependent	1 Publication
Immunoprecipitation (IP)	1:10-1:500	1 Publication
ChIP assay (ChIP)	1:10-1:500	1 Publication

## Product Specific Information

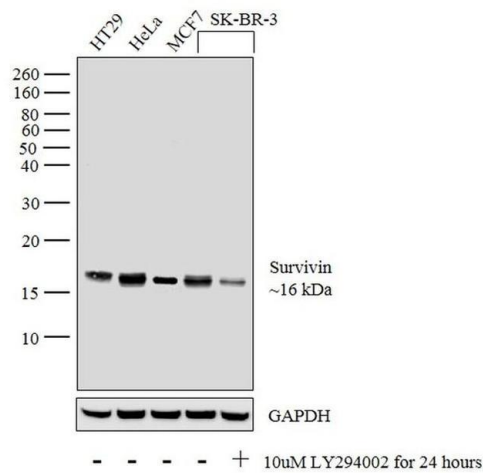
For IHC, prior antigen retrieval (pressure cooking) is recommended for cytoplasmic and nuclear detection of Survivin.

Suggested positive control: Hela whole cell extract, antigen standard for BIRC5 (transient overexpression lysate).

Product Images For Survivin Polyclonal Antibody

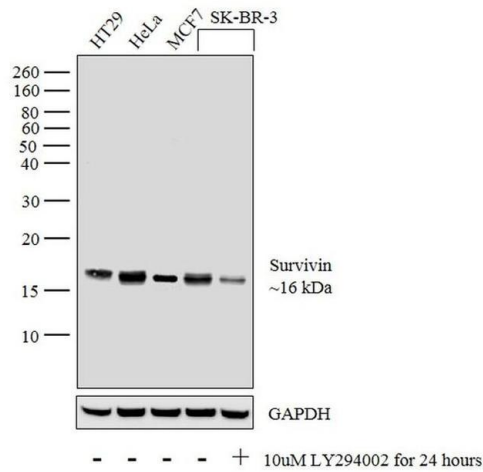
Survivin Antibody (PA1-16836) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of HT29 (Lane 1), HeLa (Lane 2), MCF7 (Lane 3), SK-BR-3 (Lane 4) and SK-BR-3 treated with LY294002 (10uM for 24 hours) (Lane 5). The blot was probed with Anti-Survivin Polyclonal Antibody (Product # PA1-16836, 1µg/mL dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg /mL, 1:4000 dilution). A 17 kDa band corresponding to Survivin was observed in all the cell lines tested and was observed to reduce in SK-BR-3 cell line upon treatment with LY294002.



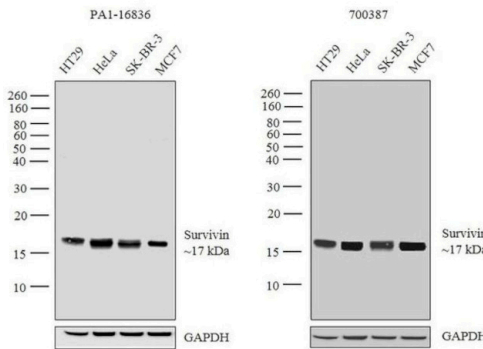
Survivin Antibody (PA1-16836)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot analysis of Survivin using Survivin Polyclonal Antibody (Product # PA1-16836) shows a reduction in expression of Survivin in the SK-BR-3 cell line upon LY294002 treatment. {TM}



Survivin Antibody (PA1-16836)

Antibody specificity was demonstrated by showing that antibodies raised against the same target protein perform similarly. Western blot of Survivin using Survivin Polyclonal Antibody (Product # PA1-16836), tested in parallel with Survivin Antibody (9H18L32), Recombinant Rabbit Monoclonal (Product # 700387), shows similar expression of Survivin in the cell lines tested. {IAV}



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## Western Blot (5)

### Scientific reports

#### In vivo analysis of onset and progression of retinal degeneration in the Nr2e3<sup>rd7/rd7</sup> mouse model of enhanced S-cone sensitivity syndrome.

"Published figure using Survivin polyclonal antibody (Product # PA1-16836) in Western Blot"

Authors: Venturini G,Kokona D,Steiner BL,Bulla EG,Jovanovic J,Zinkernagel MS,Escher P

Year  
2021

### Stem cell research & therapy

#### Pulsed focused ultrasound enhances the therapeutic effect of mesenchymal stromal cell-derived extracellular vesicles in acute kidney injury.

"PA1-16836 was used in Western Blotting to show that pFUS may be a strategy for enhancing the therapeutic efficacy of MSC-derived EV treatment for the treatment of AKI."

Authors: Ullah M,Liu DD,Rai S,Razavi M,Concepcion W,Thakor AS

Year  
2020

Species  
Mouse

Dilution  
1:200

[View more WB references on thermofisher.com](#)

## Immunohistochemistry (2)

### The European journal of neuroscience

#### Suppression of phosphodiesterase IV enzyme by roflumilast ameliorates cognitive dysfunction in aged rats after sevoflurane anaesthesia via PKA-CREB and MEK/ERK pathways.

"PA1-16836 was used in Immunohistochemistry to demonstrate that RF treatment promotes neuronal activity by maintaining cAMP levels and sustaining the activation of PKA-CREB and MEK/ERK pathways, offering novel insights for POCD therapy."

Authors: Liu P,Wang J,Peng S,Zhang D,Zhuang L,Liu C,Zhang Y,Shi X

Year  
2022

Species  
Rat

Dilution  
1:100

### Hematological oncology

#### Cancer testis antigen expression across T-cell lymphoma subtypes.

"Published figure using Survivin polyclonal antibody (Product # PA1-16836) in Immunohistochemistry"

Authors: Ma H,Soderquist CR,Marchi E,Scotto L,Bhagat G,O'Connor OA

Year  
2020

## More applications with references on thermofisher.com

ELISA (1)

IP (1)

ChIP (1)

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