

Datasheet: MCA4782Z

Description:	MOUSE ANTI HUMAN SURVIVIN:Preservative Free
Specificity:	SURVIVIN
Other names:	TIAP
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	5B10
Isotype:	IgG2a
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			0.1 - 10 ug/ml
Immunofluorescence	▪			0.1 - 10 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	Ig concentration 0.5 mg/ml
Immunogen	Recombinant protein corresponding to aa 1-101 of human SURVIVIN

**External Database
Links**

UniProt:

[O15392](#) [Related reagents](#)

Entrez Gene:

[332](#) BIRC5 [Related reagents](#)

Synonyms

API4, IAP4

RRID

AB_2063951

Fusion Partners

Spleen cells from BALB/c mice were fused with cells from the Sp2/0 myeloma cell line.

Specificity

Mouse anti Human Survivin antibody, clone 5B10 recognizes human Baculoviral IAP repeat-containing protein 5, also known as survivin, apoptosis inhibitor 4 or apoptosis inhibitor survivin. Survivin is a 142 amino acid ~17 kDa multifunctional protein with roles in promoting cell proliferation and in the inhibition of apoptosis.

References

1. Antunović, M. & Raonić, J. (2023) Survivin expression in oral squamous cell carcinoma [Sanamed. 18 \(2\): 113-118.](#)
2. Andric, M. *et al.* (2012) Survivin gene promoter polymorphism -31G/C as a risk factor for keratocystic odontogenic tumor development. [Eur J Oral Sci. 120 \(1\): 9-13.](#)

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10162 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA4782Z>
10162

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M405945:220916'

Printed on 18 Jan 2024

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