

Datasheet: AHP485

Description:	RABBIT ANTI MOUSE ICAD (C-TERMINAL)
Specificity:	ICAD (C-TERMINAL)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/500 - 1/1000

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to murine ICAD were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

Immunogen Synthetic peptide corresponding to amino acids 312-331 of mouse ICAD.

External Database

Links

UniProt:

[O54786](#)

[Related reagents](#)

Entrez Gene:

[13347](#)

Dffa

[Related reagents](#)

Synonyms

Icad

RRID

AB_322891

Specificity

Rabbit anti Mouse ICAD antibody

ICAD is cleaved by Caspase-3, releasing CAD which eventually causes degradation of DNA in the nucleus.

Rabbit anti Mouse ICAD antibody (**AHP485**) recognizes a ~45 kDa band in western blots.

Further Reading

1. Enari, M. *et al.* (1998) A caspase-activated DNase that degrades DNA during apoptosis, and its inhibitor ICAD. [Nature 391: 43-50.](#)
2. Sakahira, H. *et al.* (1998) Cleavage of CAD inhibitor in CAD activation and DNA degradation during apoptosis. [Nature 391: 96-99.](#)
3. Wyllie, A. (1998) Apoptosis: An endonuclease at last. [Nature 391: 20-21.](#)

Storage

Store at +4°C or at -20°C if preferred.

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

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

North & South Tel: +1 800 265 7376

Worldwide

Tel: +44 (0)1865 852 700

Europe

Tel: +49 (0) 89 8090 95 21

America Fax: +1 919 878 3751

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