

Datasheet: AHP1073

Description:	GOAT ANTI HUMAN BID (C-TERMINAL)
Specificity:	BID (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	▪			1/8000
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.3ug/ml
Functional Assays			▪	

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
Antiserum Preparation	Antisera to BID (CT) were raised by repeated immunisations of goat with highly purified antigen. Purified IgG prepared affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml

Immunogen	Peptide with sequence C-TYVRSLARNGMD from the C-terminus of BID.
External Database Links	<p>UniProt: P55957 Related reagents</p> <p>Entrez Gene: 637 BID Related reagents</p>
RRID	AB_808344
Specificity	<p>Goat anti Human BID antibody detects an epitope within the C-terminus of BID, a death agonist that heterodimerizes with other members of the Bcl-2 family of cell death regulators; including the agonist BAX or antagonist BCL2.</p> <p>BID contains a BH3 domain, required for its interaction with the Bcl-2 family proteins and for its pro-death activity. BID is susceptible to proteolytic cleavage by caspases, calpains, Granzyme B and cathepsins. Protease-cleaved BID translocates to mitochondria where it results in cytochrome c release, leading to caspase activation and cell death. This constitutes the activation of the mitochondria death pathway (the intrinsic pathway) by the death stimuli.</p> <p>BID has been shown to promote cell cycle progression into S phase, whilst BID could be also involved in the maintenance of genomic stability by engaging at mitosis checkpoint. Deletion of BID inhibits carcinogenesis in the liver, and promotes tumorigenesis in the myeloid cells.</p>
Western Blotting	AHP1073 detects bands of approximately 26kDa and 24kDa in A431 cell lysates.
References	1. Yin, X.M. (2006) Bid, a BH3-only multi-functional molecule, is at the cross road of life and death. Gene. 369: 7-19.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP1073 10058
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

'M420592:230706'

Printed on 12 Aug 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)