

## Datasheet: AHP1073

<b>Description:</b>	GOAT ANTI HUMAN BID (C-TERMINAL)
<b>Specificity:</b>	BID (C-TERMINAL)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to BID (CT) were raised by repeated immunisations of goat with highly purified antigen. Purified IgG prepared affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>Immunogen</b>	Peptide with sequence C-TYVRSLARNGMD from the C-terminus of BID.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P55957</a> <a href="#">Related reagents</a>

**Entrez Gene:**[637](#) BID [Related reagents](#)

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**RRID** AB\_808344

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**Specificity** **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.

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.

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.

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**Western Blotting** AHP1073 detects bands of approximately 26kDa and 24kDa in A431 cell lysates.

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**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.](#)

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

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10058 available at: 10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

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**Regulatory** For research purposes only

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## 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 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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