

Mouse anti-Human BID Monoclonal Antibody | anti-BID antibody

BID antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48038	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

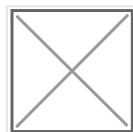
PRODUCT SYNONYMS

BID; Monoclonal Antibody; BID antibody; BH3 interacting domain death agonist isoform 2; FP497; MGC15319; MGC42355; BH3 interacting domain death agonist isoform 2 Apoptotic death agonist; Apoptotic death agonist BID; BH3 interacting domain death agonist; HGNC:1050; BH3 interacting domain death agonist p11; BH3 interacting domain death agonist p13; BH3 interacting domain death agonist p15; BID isoform ES (1b); BID isoform L (2); Desmocollin type 4; Human BID coding sequence; OTTHuMP00000196197; p11 BID; p13 BID; p15 BID; p22 BID.; anti-BID antibody

PRODUCT SPECIFICATIONS

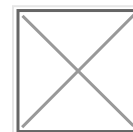
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	4D3
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	195
Applicable Applications for anti-BID antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human BID (1-195aa) purified from E. coli
Clone Note	Anti-human BID mAb, clone 4D3, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human BID protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of BID in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human BID antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The lysates of Jurkat (20ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human BID (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system

ADDITIONAL INFORMATION

Related Product Information for anti-BID antibody	BID is a pro-apoptotic Bcl-2 protein containing only the BH3 domain. In response to apoptotic signaling, BID interacts with another Bcl-2 family protein, Bax, leading to the insertion of Bax into the outer mitochondrial membrane. Bax is believed to induce the opening of the mitochondrial voltage-dependent anion channel. This results in the release of cytochrome c and other pro-apoptotic factors from the mitochondria leading to activation of caspases.
Product Categories/Family for anti-BID antibody	Apoptosis
References	Zha J., et al. (2000) Science. 290:1761; Luo X., et al. (1998) Cell. 94:481; Li H., et al. (1998) Cell. 94:491

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557361
NCBI GeneID	637
NCBI Accession #	NP_001187
NCBI GenBank Nucleotide #	NM_001196.3
UniProt Accession #	P55957; Q549M7; Q71T04; Q7Z4M9; Q8IY86
Molecular Weight	11,263 Da
NCBI Official Full Name	BH3-interacting domain death agonist isoform 2
NCBI Official Synonym Full Names	BH3 interacting domain death agonist
NCBI Official Symbol	BID
NCBI Official Synonym Symbols	FP497
NCBI Protein Information	BH3-interacting domain death agonist
UniProt Protein Name	BH3-interacting domain death agonist
UniProt Gene Name	BID
UniProt Synonym Gene Names	BID

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bid-antibody-clone-4d3-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48038>