

# **Bid Antibody**

Rabbit mAb Catalog # AP91215

## **Product Information**

**Application** WB, IHC, IF, FC, ICC, IP, IHF

Primary Accession P55957
Reactivity Human
Clonality Monoclonal

Other Names BID isoform ES(1b); BID isoform L(2); BID isoform Si6; FP497; p11 BID; p13

BID; p15 BID; p22 BID;

IsotypeRabbit IgGHostRabbitCalculated MW21995

## **Additional Information**

**Dilution** WB 1:500~1:1000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:10 FC 1:50

**Purification** Affinity-chromatography

**Immunogen** A synthesized peptide derived from human Bid

**Description** The major proteolytic product p15 BID allows the release of cytochrome c (By

similarity). Isoform 1, isoform 2 and isoform 4 induce ICE-like proteases and apoptosis. Isoform 3 does not induce apoptosis. Counters the protective

effect of Bcl-2.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

### **Protein Information**

Name BID

**Function** Induces caspases and apoptosis (PubMed: <u>14583606</u>). Counters the

protective effect of BCL2 (By similarity).

**Cellular Location** Cytoplasm. Mitochondrion membrane. Mitochondrion outer membrane.

Note=When uncleaved, it is predominantly cytoplasmic. [BH3-interacting

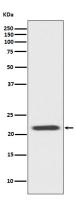
domain death agonist p13]: Mitochondrion membrane

{ECO:0000250 | UniProtKB:P70444}. Note=Associated with the mitochondrial membrane. {ECO:0000250 | UniProtKB:P70444} [Isoform 3]: Cytoplasm

**Tissue Location** [Isoform 2]: Expressed in spleen, pancreas and placenta (at protein level).

[Isoform 4]: Expressed in lung and pancreas (at protein level).

### **Images**



Western blot analysis of Bid expression in Jurkat cell lysate.

Image not found: 202311/AP91215-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human lung, using Bid Antibody.

Image not found: 202311/AP91215-IF.jpg

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.