Anti-Bid Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R013565

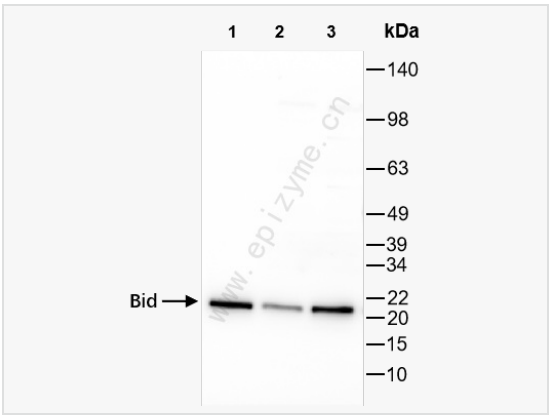
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	83L44M25
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Bid
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Bid Rabbit mAb [83L44M25] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Apoptic death agonist, Apoptotic death agonist BID, BH3 interacting domain death agonist, BH3 interacting domain death agonist p11, BH3 interacting domain death agonist p13, BH3 interacting domain death agonist p15, BH3-interacting domain death agonist p11, BID, BID isoform ES(1b), BID isoform L(2), BID isoform Si6, BID_HUMAN, Desmocollin type 4, FP497, Human BID coding sequence, MGC15319, MGC42355, p11 BID, p13 BID, p15 BID, p22 BID.
Calculated MW	Calculated MW: 22 kDa; Observed MW: 22 kDa
Uniprot ID	P55957
Gene ID	637
Background	This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2008]
Cellular Location	Cytoplasm; Cytoplasm. Mitochondrion membrane. When uncleaved, it is predominantly cytoplasmic; Mitochondrion membrane. A significant proportion of isoform 2 localizes to mitochondria, it may be cleaved constitutively; Mitochondrion membrane. Associated with the mitochondrial membrane and Mitochondrion membrane. Translocates to mitochondria as an integral membrane protein.
Tissue Location	Isoform 2 and isoform 3 are expressed in spleen, bone marrow, cerebral and cerebellar cortex. Isoform 2 is expressed in

Validation Images



Western Blot - Anti-Bid Rabbit mAb [83L44M25]
All lanes: R013565 at 1:1,000 dilution
Lane 1: A549 (Human lung carinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 22 kDa
Observed band size: 22 kDa
Developed using the ECL technique (Cat. No. SQ201).