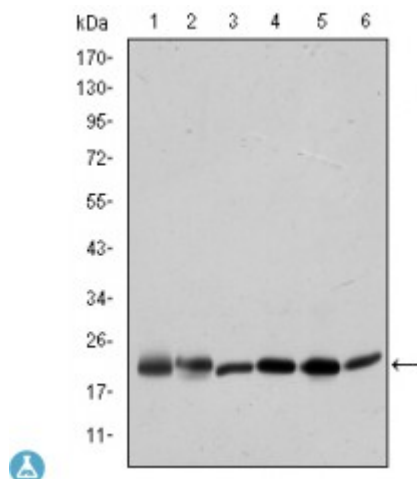


Anti-BID antibody



Description	Mouse monoclonal to BID.
Model	STJ97864
Host	Mouse
Reactivity	Human
Applications	ELISA, FC, IF, IHC, WB
Immunogen	Purified recombinant fragment of human BID expressed in E. Coli.
Gene ID	637
Gene Symbol	BID
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000FC 1:200-1:400ELISA 1:10000
Specificity	BID Monoclonal Antibody detects endogenous levels of BID protein.
Tissue Specificity	Isoform 2 and isoform 3 are expressed in spleen, bone marrow, cerebral and cerebellar cortex. Isoform 2 is expressed in spleen, pancreas and placenta (at protein level). Isoform 3 is expressed in lung, pancreas and spleen (at protein level). Isoform 4 is expressed in lung and pancreas (at protein level).
Purification	Affinity purification
Clone ID	3C5
Note	For Research Use Only (RUO).
Protein Name	BH3-interacting domain death agonist p22 BID BID BH3-interacting domain death agonist p15 p15 BID BH3-interacting domain death agonist p13 p13 BID BH3-interacting domain death agonist p11 p11 BID

Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10500MIM:601997
Alternative Names	BH3-interacting domain death agonist p22 BID BH3-interacting domain death agonist p15 p15 BID BH3-interacting domain death agonist p13 p13 BID BH3-interacting domain death agonist p11 p11 BID
Function	The major proteolytic product p15 BID allows the release of cytochrome c . 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.
Sequence and Domain Family	Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family.
Cellular Localization	Cytoplasm Mitochondrion membrane. When uncleaved, it is predominantly cytoplasmic. BH3-interacting domain death agonist p15: Mitochondrion membrane. Translocates to mitochondria as an integral membrane protein. BH3-interacting domain death agonist p13: Mitochondrion membrane. Associated with the mitochondrial membrane. Isoform 1: Cytoplasm.. Isoform 3: Cytoplasm.. Isoform 2: Mitochondrion membrane. A significant proportion of isoform 2 localizes to mitochondria, it may be cleaved constitutively.
Post-translational Modifications	TNF-alpha induces a caspase-mediated cleavage of p22 BID into a major p15 and minor p13 and p11 products. p15 BID is ubiquitinated by ITCH; ubiquitination results in proteasome-dependent degradation.