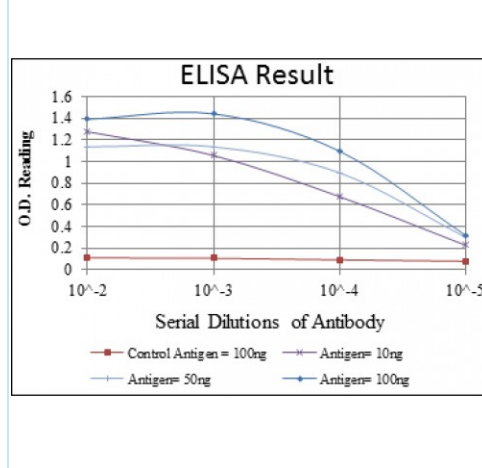
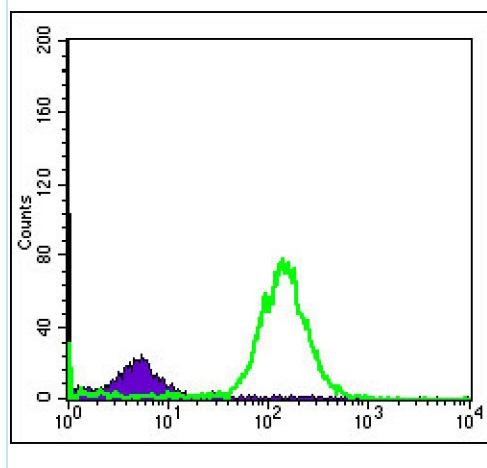
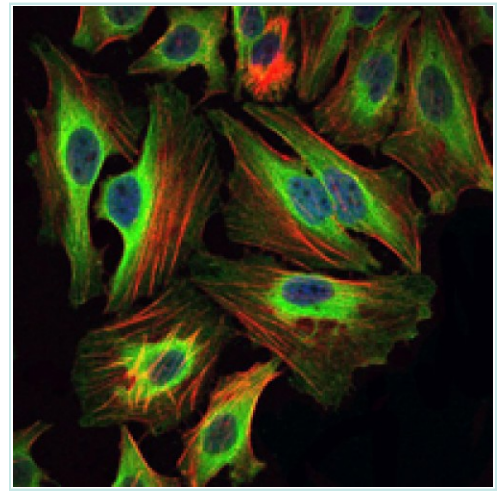
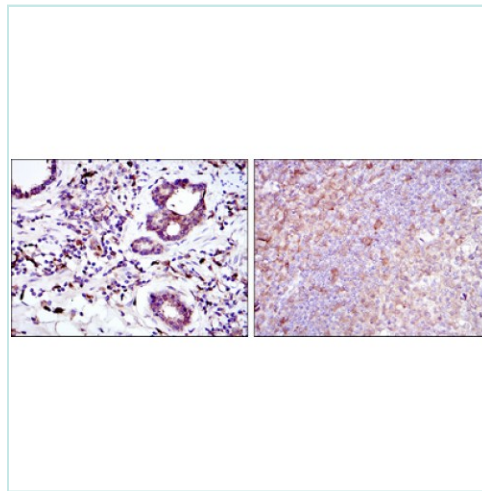
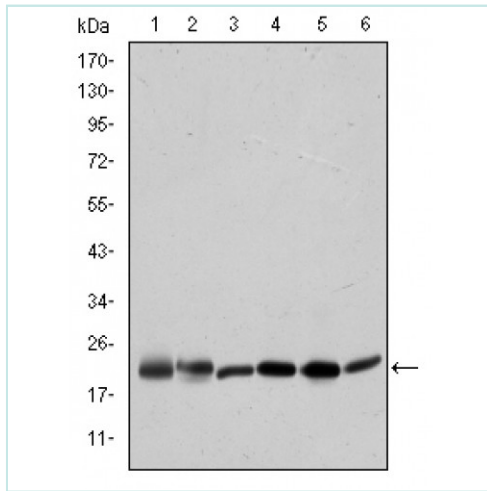


Anti-BID antibody



Product Description

Mouse Monoclonal to BID.

Product Information

Code:	NB-22-7962
Host	Mouse
Reactivity	Human
Applications	WB, IHC, IF, FC, ELISA
Immunogen	Purified recombinant fragment of human BID expressed in E. Coli.
Gene ID	637 (Human)
Dilution range	WB 1:500-1:2000; IHC 1:200-1:1000; IF 1:200-1:1000; FC 1:200-1:400; ELISA 1:10000
Specificity	BID Monoclonal Antibody detects endogenous levels of BID protein.
Purification	Affinity purification
Clone ID	3C5
Note	For research use only.
Protein Name	BH3-interacting domain death agonist
Clonality	Monoclonal
Conjugation	Unconjugated

Formulation	Ascitic fluid containing 0.03% sodium azide.
Concentration	N/A
Storage Instruction	Store at -20°C. Avoid repeated freeze/thaw cycles. Human UniProt/Swiss-Prot: P55957; Mouse UniProt/Swiss-Prot: P70444; Rat UniProt/Swiss-Prot: Q9JLT6; Human Entrez Gene: 637; Mouse Entrez Gene: 12122; Rat Entrez Gene: Rn.31142 SEE MORE
Database Links	
Alternative names	BID / BH3 interacting domain death agonist / A306_12103 antibody, apoptic death agonist antibody, apoptotic death agonist BID antibody, AS27_06195 antibody, AS28_09073 antibody, BH3-interacting domain death agonist antibody, BH3 interacting domain death agonist transcript-like protein antibody, BID isoform ES(1b) antibody, BID isoform L(2) antibody, BID isoform Si6 antibody, CB1_000357007 antibody, desmocollin type 4 antibody, fp497 antibody, H920_07964 antibody, Human BID coding sequence antibody, hypothetical protein antibody, M91_14167 antibody, M959_01485 antibody, MDA_GLEAN10003632 antibody, N300_13963 antibody, N301_16171 antibody, N302_04697 antibody, N303_13255 antibody, N305_12282 antibody, N306_14678 antibody, N307_12625 antibody, N308_00359 antibody, N309_10898 antibody, N310_08004 antibody, N312_13311 antibody, N320_11626 antibody, N321_02467 antibody, N322_10662 antibody, N324_09057 antibody, N325_12549 antibody, N326_07887 antibody, N327_12526 antibody, N328_06366 antibody, N329_02735 antibody, N330_12406 antibody, N331_02788 antibody, N332_07936 antibody, N333_01231 antibody, N334_05404 antibody, N335_12874 antibody, N336_10755 antibody, N340_02881 antibody, p22 BID antibody, PAL_GLEAN10022544 antibody, PANDA_016465 antibody, UY3_17571 antibody, xbid antibody, Y956_04899 antibody, Z169_12135 antibody SEE MORE
Function	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.
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).
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.
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.
Cellular Localization	Cytoplasm / Mitochondrion membrane / Mitochondrion membrane / Mitochondrion membrane / Cytoplasm / Cytoplasm / Mitochondrion membrane
