Anti-BID Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

Catalog # M016269

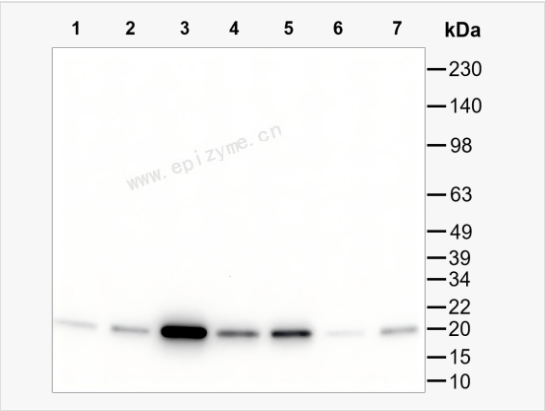
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	91H54T38
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein corresponding to Human BID
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% 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 Mouse mAb [91H54T38] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	BH3-interacting domain death agonist; p22 BID; BID.
Calculated MW	Calculated MW: 22 kDa; Observed MW: 20 kDa
Uniprot ID	P55957
Gene ID	637
Background	This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2, and thus regulate apoptosis. 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. [provided by RefSeq, Aug 2020]
Cellular Location	Cytoplasm. Mitochondrion membrane. Mitochondrion outer membrane. Note=When uncleaved, it is predominantly cytoplasmic.
Tissue Location	[Isoform 2]: Expressed in spleen, pancreas and placenta (at protein level). [Isoform 3]: Expressed in lung, pancreas and spleen (at protein level). [Isoform 4]: Expressed in lung and pancreas (at protein level).

Validation Images



Western Blot - Anti-BID Mouse mAb [91H54T38]
All lanes: M016269 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: Hel (Human erythroLeukemia suspension cell) whole cell lysates
Lane 4: Ball-1 (Human B lymphocyte acute leukemia cell) whole cell lysates
Lane 5: K562(Human chronic myeloid leukemia cell) whole cell lysates
Lane 6: THP-1(Human monocytic leukemia cell) whole cell lysates
Lane 7: U87(Human malignant glioblastoma epithelial cell) whole cell lysates
Secondary antibody: Goat Anti-Mouse IgG (H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution
Lysates/proteins at 10 µg per lane.
Predicted band size: 22 kDa
Observed band size: 20 kDa
Developed using the ECL technique (Cat. No. SQ201).