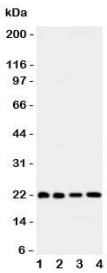
Bid Antibody / BH3-Interacting Domain Death Agonist (R31459)

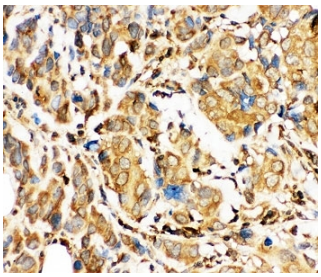
Catalog No.	Formulation	Size
R31459	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

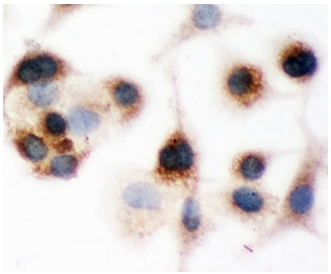
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	637
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml (human) IHC (FFPE): 0.5-1ug/ml (human; mouse; rat) Immunocytochemistry: 0.5-1ug/ml (human)
Limitations	This Bid antibody is available for research use only.



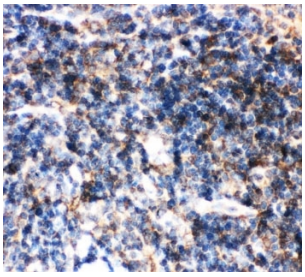
Western blot testing of Bid antibody and human samples 1: HeLa; 2: COLO320; 3: Jurkat; 4: SKOV lysate. Expected/observed molecular weight ~22 kDa.



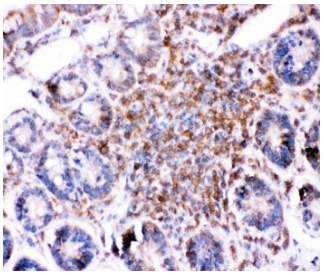
IHC-P: Bid antibody testing of human breast cancer tissue



ICC testing of Bid antibody and human A549 cells.



IHC-P: Bid antibody testing of mouse spleen tissue



IHC-P: Bid antibody testing of rat intestine tissue

Description

Bid (BH3-Interacting Domain Death Agonist), is a pro-apoptotic member of the Bcl-2 protein family. The BCL2 family of proteins consists of both antagonists and agonists that regulate apoptosis and compete through dimerization. By fluorescence in situ hybridization, Wang et al. (1998) mapped the human BID gene to 22q11. Luo et al. (1998) reported the purification of a cytosolic protein that induces cytochrome c release from mitochondria in response to caspase-8, the apical caspase activated by cell surface death receptors such as FAS and TNF.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Bid antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 1-195) was used as the immunogen for this Bid antibody.

Storage

After reconstitution, the Bid antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC.

Avoid repeated freezing and thawing.

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