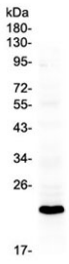
Bid Antibody (R32856)

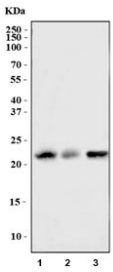
Catalog No.	Formulation	Size
R32856	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

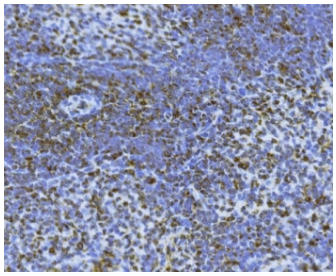
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P70444
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This Bid antibody is available for research use only.



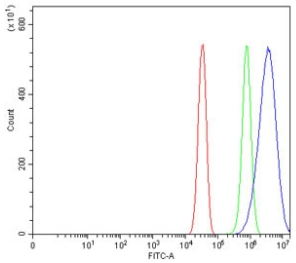
Western blot testing of mouse brain tissue with Bid antibody at 0.5ug/ml. Predicted molecular weight ~22 kDa.



Western blot testing of mouse 1) L929, 2) spleen and 3) RAW264.7 cell lysate with Bid antibody at 0.5ug/ml. Predicted molecular weight ~22 kDa.



IHC staining of FFPE rat spleen tissue with Bid antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Flow cytometry testing of mouse Neuro-2a cells with Bid antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Bid antibody.

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, the human BID gene is mapped to 22q11. It is 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

Optimal dilution of the Bid antibody should be determined by the researcher.

Immunogen

A recombinant mouse protein corresponding to amino acids M1-D195 was used as the immunogen for the 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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com