

For Research Use Only

# BID Recombinant antibody

Catalog Number: 84944-4-RR



## Basic Information

<b>Catalog Number:</b> 84944-4-RR	<b>GenBank Accession Number:</b> BC009197	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 637	<b>CloneNo.:</b> 242460F1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P55957	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> BH3 interacting domain death agonist	
	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 22 kDa	

## Applications

<b>Tested Applications:</b> WB, FC (Intra), ELISA	<b>Positive Controls:</b> WB : Jurkat cells, A431 cells, A549 cells, HEK-293 cells, L-929 cells
<b>Species Specificity:</b> human	

## Background Information

BID, also named as p22 BID, can be cleaved into p11 BID, p13 BID and p15 BID. It is pro-apoptotic molecules. The major proteolytic product p15 BID allows the release of cytochrome c. BID-L, BID-EL and BID-ES induce ICE-like proteases and apoptosis. BID-S does not induce apoptosis. BID counters the protective effect of Bcl-2. (PMID:14583606)

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

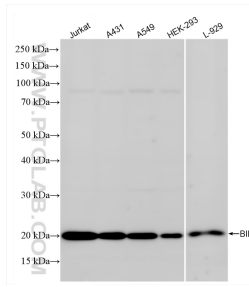
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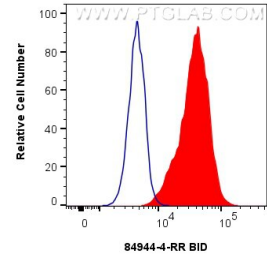
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84944-4-RR (BID antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.25 ug BID Recombinant antibody (84944-4-RR, Clone:242460F1) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.25 ug BID Recombinant antibody (84944-4-RR, Clone:242460F1) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).