Product datasheet
Anti-BAD Antibody (Clone#CHC-2)
Catalog Number: *BM4241*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-BAD Antibody (Clone#CHC-2)
Gene Name	BAD
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, IP, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human Bad
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	23 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 ImmunoPrecipitation (IP): 1:30 Flow Cytometry (FCM): 1:50

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

BAD, also named as BBC6 and BCL2L8, promotes cell death. It is successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. BAD can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. It appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

Reference

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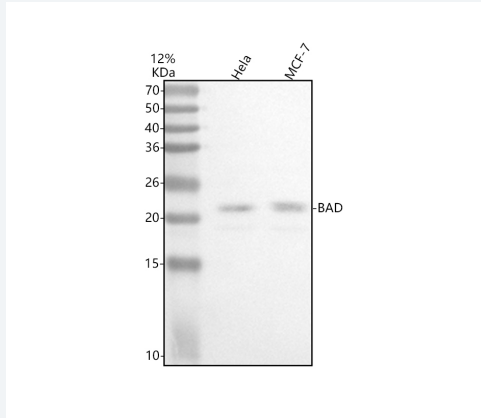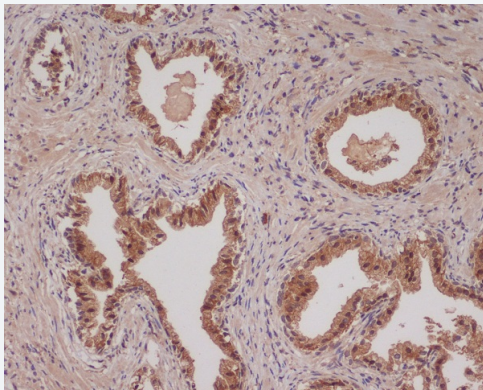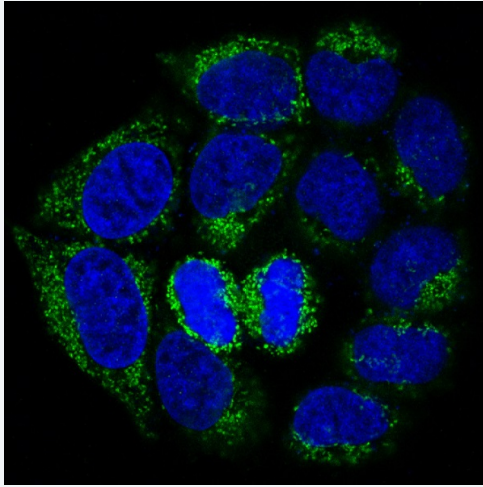
Selected Validation Data

Figure 1. Western blot analysis of anti-BAD antibody (BM4241). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human Hela whole cell lysates,
Lane 2: human MCF-7 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-BAD antigen affinity purified monoclonal antibody (BM4241) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for BAD at approximately 23 kDa. The expected band size for BAD is at 18 kDa.

Immunohistochemical analysis of paraffin-embedded human colon cancer, using Bad Antibody.

Immunofluorescent analysis of Hela cells, using Bad Antibody .