BIM(Ab-69) Antibody

Catalog No: #21280

Package Size: #21280-1 50ul   #21280-2 100ul   #21280-4 25ul

Description

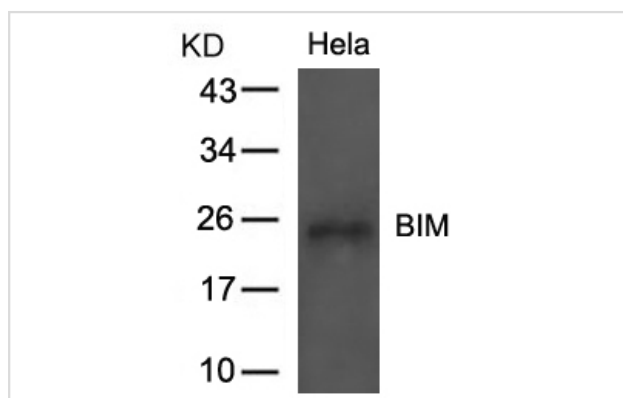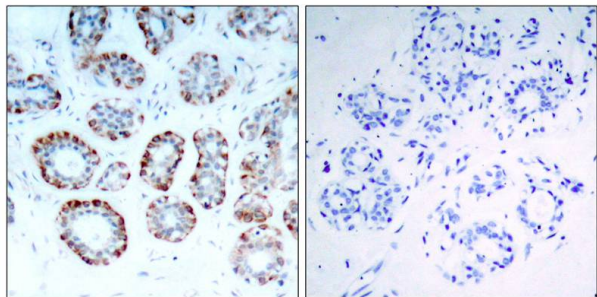|	
Product Name	BIM(Ab-69) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total BIM protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.67~71 (P-A-S-P-G) derived from Human BIM.
Target Name	BIM
Other Names	BCL2-like protein 11; BCL2L11; BOD; Bcl-2 related ovarian death protein;
Accession No.	Swiss-Prot: O43521NCBI Protein: NP_006529.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 23kd

Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images

Western blot analysis of extracts from Hela cells using BIM(Ab-69) Antibody #21280.

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BIM(Ab-69) Antibody #21280(left) or the same antibody preincubated with blocking peptide(right).

Background

Induces apoptosis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-a1, isoform Bim-a2 and isoform Bim-a3 induce apoptosis, although less potent than the isoforms BimEL, BimL and BimS. Isoform Bim-gamma induces apoptosis.

Fukazawa H, et al. (2004) Mol Cancer Ther ; 3(10): 1281-1288

Luciano F, et al. (2003) Oncogene ; 22(43): 6785-6793

Note: This product is for in vitro research use only and is not intended for use in humans or animals.