BIM(Phospho-Ser69) Antibody

Catalog No: #11288

Package Size: #11288-1 50ul #11288-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	BIM(Phospho-Ser69) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of BIM only when phosphorylated at serine 69.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 69 (P-A-S(p)-P-G) derived from Human BIM.
Target Name	BIM
Modification	Phospho
Other Names	BCL2-like protein 11; BCL2L11; BOD; Bcl-2 related ovarian death protein;
Accession No.	Swiss-Prot: O43521NCBI Protein: NP_006529.1
Uniprot	O43521
GeneID	10018;
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.

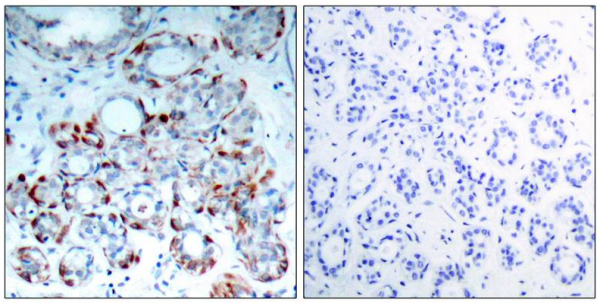
Application Details

Predicted MW: 23kd

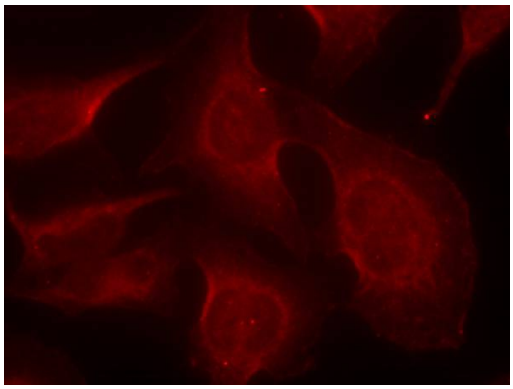
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BIM(Phospho-Ser69) Antibody #11288(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using BIM(Phospho-Ser69) Antibody #11288.

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