BIM(Phospho-Ser69) Antibody

#11288

Catalog Number: 11288-1, 11288-2

Amount: 50 μg/50 μl, 100 μg/100 μl

Swiss-Prot No. : O43521

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human BIM around the phosphorylation site of serine 69 (P-A-Sp-P-G).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site

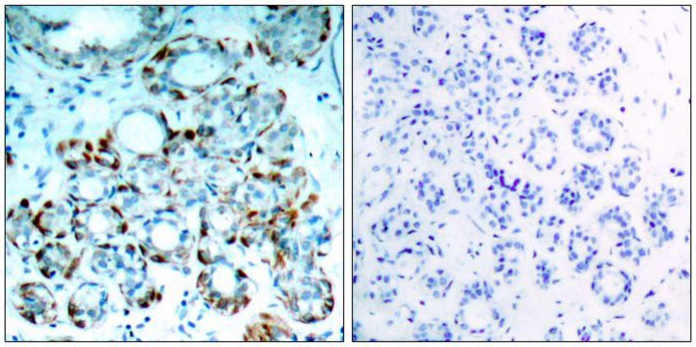
Specificity/Sensitivity: BIM (phospho-Ser69) antibody detects endogenous levels of BIM only when phosphorylated at serine 69.

Reactivity: Human, Mouse, Rat

Applications:

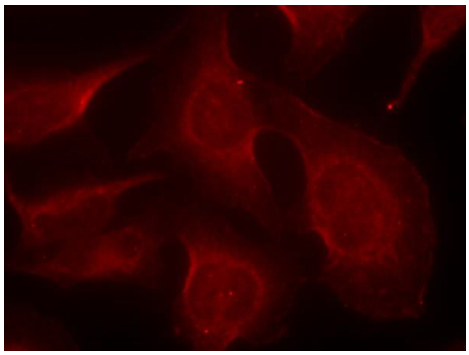
Predicted MW: 23kd

IHC: 1:50~1:100 IF:1:100~1:200



P-Peptide − +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using BIM (phospho-Ser69) antibody (#11288).



Immunofluorescence staining of methanol-fixed HeLa cells using BIM (phospho-Ser69) antibody (#11288, Red).

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

References：

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

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