Datasheet for ABIN197056

# anti-BIM antibody (pSer65, pSer69)

2 Images

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 0.1 mL |
| Target: | BIM (BCL2L11) |
| Binding Specificity: | pSer65, pSer69 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BIM antibody is un-conjugated |
| Application: | Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

| | |
|---|---|
| Immunogen: | The antiserum was produced against synthesized phosphopeptide derived from Human BIM around the phosphorylation site of Serine 69 (Serine 65 in the Mouse sequence) (P-A-SP-P-G). |
| Specificity: | This antibody detects endogenous levels of BIM only when phosphorylated at Serine 69. |
| Purification: | Affinity Chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site. |

## Target Details

| | |
|---|---|
| Target: | BIM (BCL2L11) |
| Abstract: | BCL2L11 Products |
| Background: | Bim, Bcl-2 interacting mediator of cell death, is a pro-apoptotic protein belonging to the Bcl2 |

## Target Details

| | |
|---|---|
| | family of proteins containing a Bcl2 homology domain 3 (BH3). It is proapoptotic and exerts its effects by interacting with prosurvival members of the Bcl2 family like Bcl2, BclxL and Bclw. Bim is sequestered in an inactive conformation through binding to the microtubule-associated dynein motor complex. Certain apoptotic stimuli release Bim from microtubules, allowing inhibitory binding to anti-apoptotic Bcl-2 family members and subsequent iniation of apoptosis.Synonyms: BCL2L11, BIM, Bcl2-L-11, Bcl2-interacting mediator of cell death, BimEL, BimL, BimS |
| Gene ID: | 10018 |
| NCBI Accession: | NP_001191035 |
| UniProt: | O43521 |
| Pathways: | PI3K-Akt Signaling, Neurotrophin Signaling Pathway, Tube Formation, Positive Regulation of Endopeptidase Activity |

## Application Details

| | |
|---|---|
| Application Notes: | Immunofluorescence: 1/100-1/200. Immunohistochemistry on Paraffin-Embedded Sections: 1/50-1/100.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Concentration: | 1.0 mg/mL |
| Buffer: | PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % Sodium Azide and 50 % Glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Store the antibody (in aliquots) at -20 °C. |

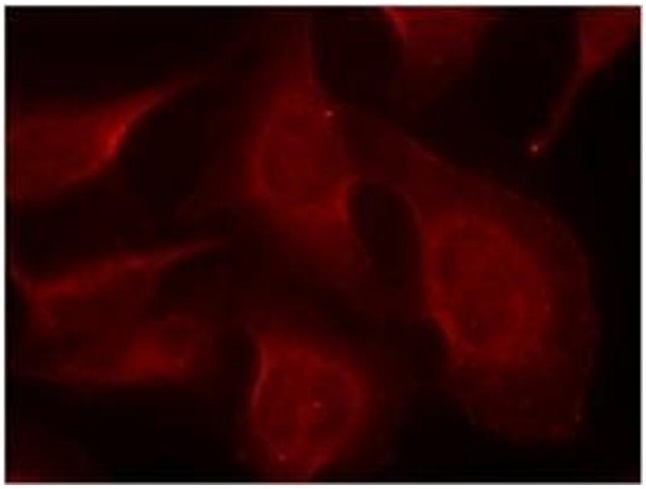

**Image 1.**

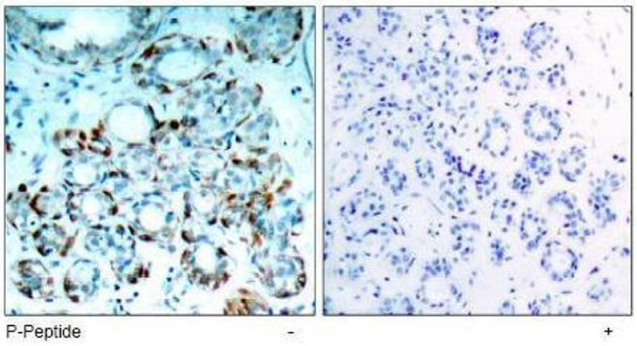


**Image 2.**

 