

# Anti-Bim Rabbit mAb

Purified Rabbit Monoclonal Antibody

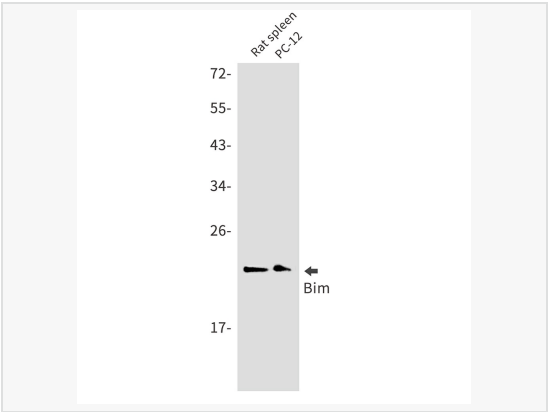
Catalog # R012506

## Product Information

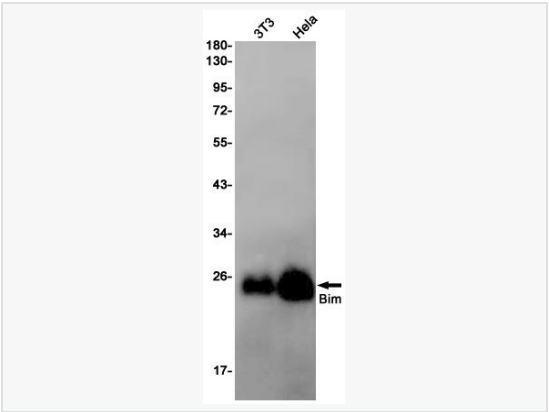
|             |                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Application | IHC-P/IF (Tissue-P), ICC/IF (Cell), WB, IHC-F/IF (Tissue-F), IP, ELISA                                                                |
| Reactivity  | Human, Mouse, Rat                                                                                                                     |
| Dilution    | WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20                                                                            |
| Host        | Rabbit                                                                                                                                |
| Clonality   | Monoclonal                                                                                                                            |
| Clone No.   | 14K48L73                                                                                                                              |
| Isotype     | IgG                                                                                                                                   |
| Label       | Unconjugated                                                                                                                          |
| Immunogen   | A synthetic peptide of human Bim                                                                                                      |
| Format      | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.           |
| Precautions | Anti-Bim antibody [14K48L73] is for research use only and not for use in diagnostic or therapeutic procedures.                        |

## Protein Information

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms      | BAM, BIM, BOD, BimL, BimS, BimEL, BIM-beta6, BIM-beta7, BIM-alpha6, BCL2L11.                                                                                                                                                                                                                                                                                                                                                         |
| Calculated MW | Calculated MW: 22 kDa; Observed MW: 22 kDa                                                                                                                                                                                                                                                                                                                                                                                           |
| Uniprot ID    | O43521                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene ID       | 10018                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Background    | Induces apoptosis and anoikis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce apoptosis, although less potent than isoform BimEL, isoform BimL and isoform BimS. Isoform Bim-gamma induces apoptosis. Isoform Bim-alpha3 induces apoptosis possibly through a caspase-mediated pathway. Isoform BimAC and isoform BimABC lack the ability to induce apoptosis. |



Western blot analysis of Bim in rat spleen, PC-12 lysates using Bim antibody.



Western blot analysis of Bim in 3T3, HeLa lysates using Bim antibody.