

Product Data Sheet

PTEN Blocking Peptide

| Catalog # | Source | Reactivity | Applications |
|---------------------------|---|----------------------|--------------|
| CBP4496 | Synthetic | H, M, B, D, Mk, P, Z | BL |
| Description | The peptide is used to block Anti-PTEN Antibody (#CPA4496) reactivity. | | |
| Form | Lyophilized powder | | |
| Gene Symbol | PTEN | | |
| Alternative Names | MMAC1; TEP1; Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN; Mutated in multiple advanced cancers 1; Phosphatase and tensin homolog | | |
| Entrez Gene | 5728 (Human); 19211 (Mouse) | | |
| SwissProt | P60484 (Human); O08586 (Mouse) | | |
| Purity | >85% | | |
| Quality Control | The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry. | | |
| Directions for Use | Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours. | | |
| Storage/Stability | Shipped at 4°C. Store at -20°C for one year. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

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techsupport@cohesionbio.com

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custom@cohesionbio.com