

BBC3

Synthetic Human BCL2 Binding Component 3 (aa 2-16)(NT) Blocking Peptide

Catalog No. PX241BP **Quantity:** 50 µg

Alternate Names: JFY1, PUMA, Bcl-2 binding component 3

Description: This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization and apoptosis. It can bind to anti-apoptotic Bcl-2 family members to induce mitochondrial dysfunction and caspase activation. Because of its pro-apoptotic role, this gene is a potential drug target for cancer therapy and for tissue injury. Alternative splicing results in multiple transcript variants.

Gene ID: 27113

Application: The peptide is used for blocking the antibody activity of PUMA. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

Formulation: It is supplied as 200 µg/ml, 50 µg/vial, in PBS pH7.2 (10 mM NaH₂PO₄, 10 mM, Na₂HPO₄, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Amino Acid Sequence: ARARQEGSSPEPVEG

Storage & Stability: Store at -20°C, stable for one year.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

