

## Product datasheet

# Smac / Diablo peptide ab8380

### Overview

**Product name** Smac / Diablo peptide

### Description

**Nature** Synthetic

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab8380** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Blocking

**Form** Liquid

### Preparation and Storage

**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

PBS with 0.1% BSA 0.02% sodium azide pH7.2

### General Info

**Function** Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP).

**Tissue specificity** Ubiquitously expressed with highest expression in testis. Expression is also high in heart, liver, kidney, spleen, prostate and ovary. Low in brain, lung, thymus and peripheral blood leukocytes.

**Domain** The mature N-terminus mediates interaction with XIAP.

**Cellular localization** Mitochondrion. Released into the cytosol when cells undergo apoptosis.

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