

## Mouse Monoclonal Antibody to BAK1

<b>Catalogue Number</b>	sAP-1605
<b>Target Molecule</b>	<p><b>Name:</b> BAK1</p> <p><b>Aliases:</b> BAK; CDN1; BCL2L7; BAK-LIKE</p> <p><b>MW:</b> 23.4kDa</p> <p><b>Entrez Gene ID:</b> 578</p>
<b>Description</b>	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress.
<b>Immunogen</b>	Purified recombinant fragment of human BAK1 (AA: 29-187) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM2H9H7
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Cell Death Differ. 2015 Oct;22(10):1665-75. 2.PLoS Pathog. 2013;9(10):e1003658.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**