

Mouse Monoclonal Antibody to CASP-7

Catalogue Number	sAP-1073
Target Molecule	<p>Name: CASP-7</p> <p>Aliases: MCH3; CMH-1; LICE2; CASP7; ICE-LAP3</p> <p>MW: 34.3kDa</p> <p>Entrez Gene ID: 840</p>
Description	<p>This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.</p>
Immunogen	Purified recombinant fragment of human CASP-7 (AA: 29-198) expressed in E. Coli.
Reactive Species	Human;
Clone	MM4D10B2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Lung Cancer. 2009 Jul;65(1):19-24.; 2. Genes Cells. 2008 Jun;13(6):609-21.

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**