

# Anti-Caspase 9 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M010420

## Product Information

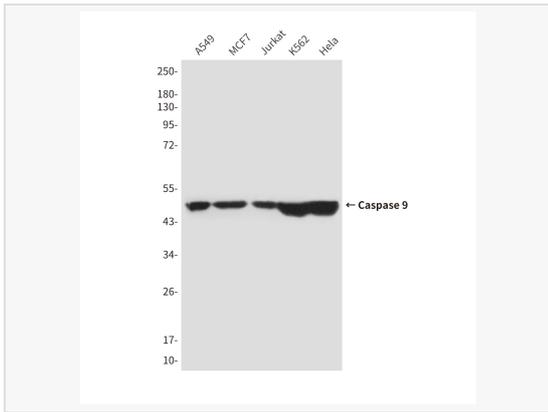
Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	91L37K80
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant human Caspase-9 protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Caspase 9 antibody [91L37K80] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	CASP9, MCH6, Caspase-9, CASP-9, Apoptotic protease Mch-6, Apoptotic protease-activating factor 3, APAF-3, ICE-like apoptotic protease 6, ICE-LAP6.
Calculated MW	Calculated MW: 46 kDa; Observed MW: 49,37 kDa
Uniprot ID	P55211
Gene ID	842
Background	Caspase-9 (ICE-LAP6, Mch6) is an important member of the cysteine aspartic acid protease (caspase) family. Upon apoptotic stimulation, cytochrome c released from mitochondria associates with the 47 kDa procaspase-9/Apaf 1. Apaf-1 mediated activation of caspase-9 involves intrinsic proteolytic processing resulting in cleavage at Asp315 and producing a p35 subunit.

## Validation Images

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Western blot analysis of Caspase9 in A549, MCF-7, Jurkat, K562 and HeLa lysates using Caspase9 antibody.