

# Caspase 9 Monoclonal Antibody (96-2-2), eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	96-2-2
Conjugate	Unconjugated
Immunogen	Rec. Human Caspase-9
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2-7.4
Contains	no preservative
Storage conditions	4° C
RRID	AB_10596490

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	-
ELISA (ELISA)	Assay-Dependent	-
Immunoprecipitation (IP)	Assay-Dependent	-

## Product Specific Information

Description: Caspase-9, formerly called Apaf-3, binds to Apaf-1 in the presence of cytochrome c and dATP (3), which leads to caspase-9 activation. Activated caspase-9 in turn cleaves and activates caspase-3; caspase-9 thus is the most upstream member of the apoptotic protease cascade that is triggered by cytochrome c and dATP.

Caspase-9 is essentially localized in mitochondria, the disruption of the outer mitochondrial membrane occurring early during apoptosis is critical for its subcellular redistribution and activation.

Applications Tested: ELISA, Immunoprecipitation, Western Blotting.

Reconstitution instructions: A quick spin is recommended followed by reconstitution in PBS, pH 7.2 to a concentration of 0.1-1.0 mg/mL. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

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