

## Caspase-9 Monoclonal Antibody

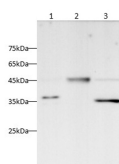
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**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant Human Caspase-9 protein expressed by E.coli
Host	Mouse
Isotype	IgG2a
Clone	3B6
Purification	Protein A/G Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:250-1:500

### Data



Western blot with Anti Caspase-9 Monoclonal antibody at dilution of 1:500. Lane 1: Hep G2 cell lysate, Lane 2: HeLa cell lysate, Lane 3: THP-1 cell lysate.

**Observed-MW:35 kDa;47 kDa**

**Calculated-MW:46 kDa**

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background	
Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates effector caspases caspase-3 (CASP3) or caspase-7 (CASP7). Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP).	