9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# KD-Validated Anti-Caspase-9 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG2385

## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-Caspase-9 Rabbit Monoclonal Antibody |
| **Accession(Primary)** | P55211 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human CASP9 |
| **Species Reactivity** | Human, Mouse |
| **Calculated MW** | Predicted, 46 kDa ; Observed, 46 kDa |
| **Storage Buffer** | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| **Recommended Dilution** | Western blotting (WB): 1:1,000-1:5,000 Flow cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000 |

## Target information (P55211)

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|---|---|
| **Gene Name** | CASP9 |
| **About Gene Symbol** | CASP9 (Caspase 9) is a cysteine protease (caspase) involved in apoptosis. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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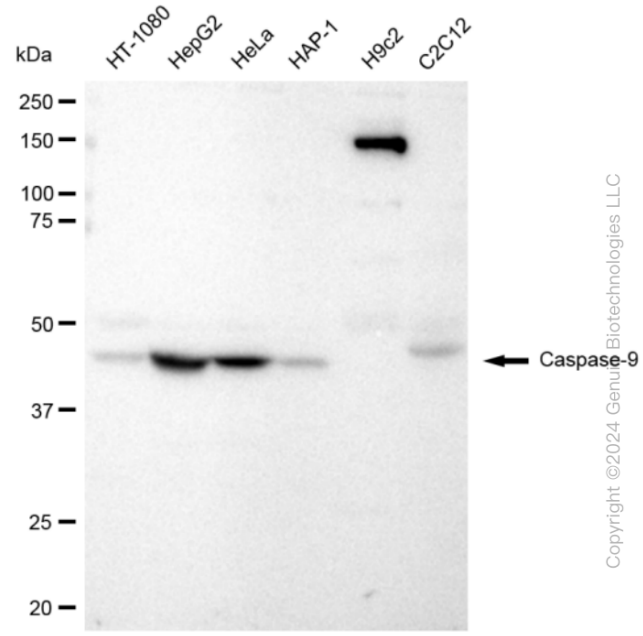


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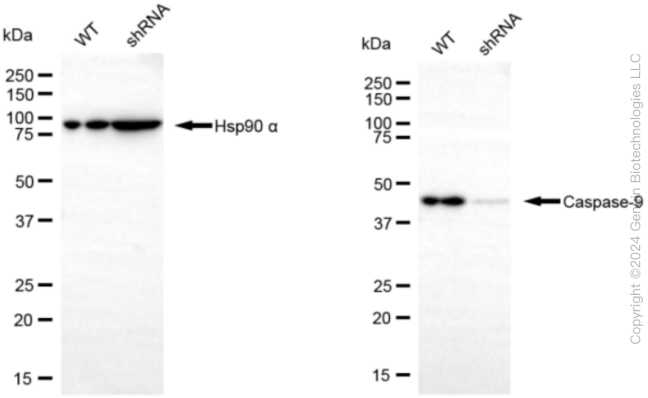
Western blotting analysis using anti-Caspase-9 antibody (Cat#ABG2385). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Caspase-9 antibody (Cat#ABG2385, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.

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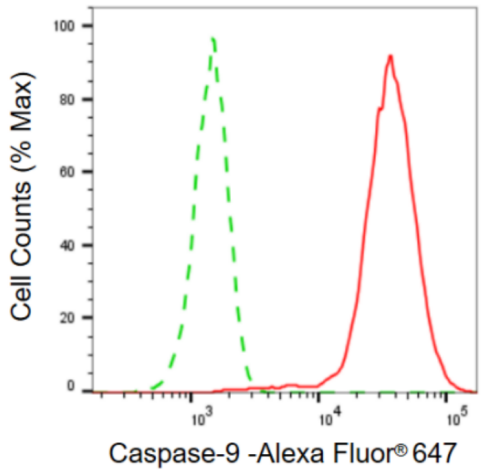
Western blotting analysis using anti-Caspase-9 antibody (Cat#ABG2385). Caspase-9 expression in wild type (WT) and Caspase-9 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-Caspase-9 antibody (Cat#ABG2385,1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.

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Flow cytometric analysis of Caspase-9 expression in HepG2 cells using Caspase-9 antibody (Cat#ABG2385, 1:2,000). Green, isotype control; red, Caspase-9.

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Immunocytochemical staining of HepG2 cells with Caspase-9 antibody (Cat#ABG2385, 1:1,000). Nuclei were stained blue with DAPI; Caspase-9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.