9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-cleaved Caspase-9 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1385

Product Overview

Name	KD-Validated Anti-cleaved 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, 35kDa, 46 kDa , observed, 35,46 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 Immunocytochemical (IC): 1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P55211)

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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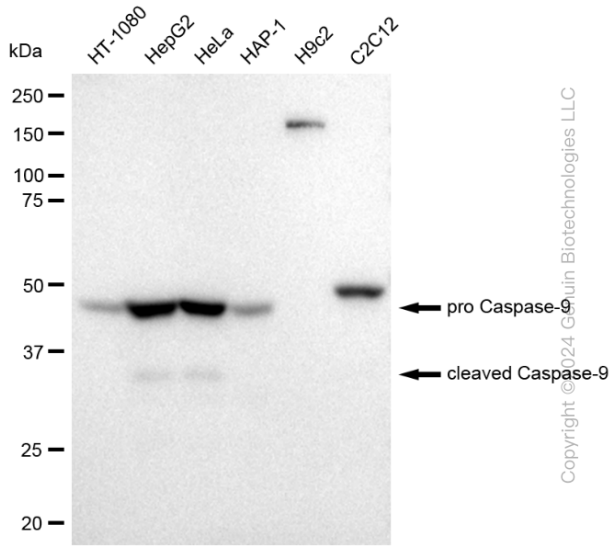

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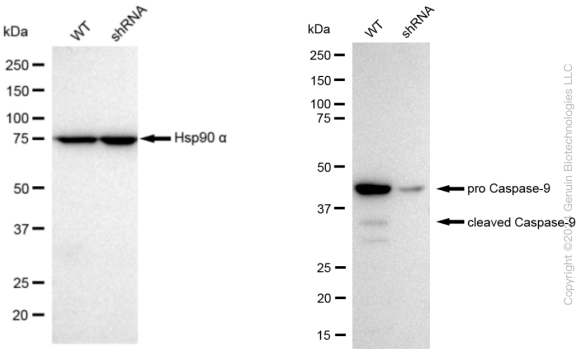
Western blotting analysis using anti-cleaved Caspase-9 antibody (Cat#ABG1385). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cleaved Caspase-9 antibody (Cat#ABG1385, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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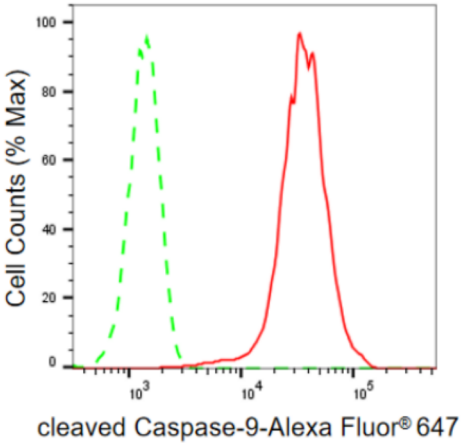
Western blotting analysis using anti-cleaved Caspase-9 antibody (Cat#ABG1385). cleaved Caspase-9 expression in wild type (WT) and cleaved Caspase-9 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-cleaved Caspase-9 antibody (Cat#ABG1385, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of cleaved Caspase-9 expression in HepG2 cells using cleaved Caspase-9 antibody (Cat#ABG1385, 1:2,000). Green, isotype control; red, cleaved Caspase-9.

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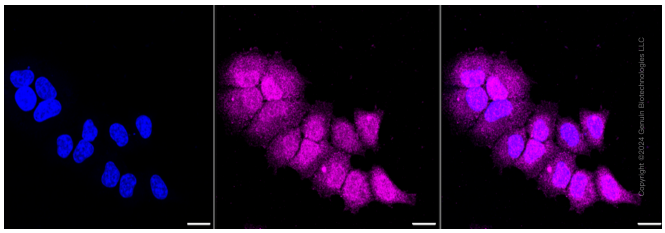

Immunocytochemical staining of HepG2 cells with cleaved Caspase-9 antibody (Cat#ABG1385, 1:1,000). Nuclei were stained blue with DAPI; cleaved Caspase-9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.