Anti-Caspase 9 Rabbit Monoclonal Antibody

Catalog #: 4678

Aliases

CASP9; Caspase 9; Apoptosis-Related Cysteine Peptidase; Regulatory Subunit 56; Apoptotic Protease Mch-6; PPP1R56; APAF-3; Apoptotic Protease Activating Factor 3; ICE-LAP6; caspase-9; MCH6; Protein Phosphatase 1; Regulatory Subunit 56; ICE-Like Apoptotic Protease 6; CASP-9; APAF3; EC 3.4.22.62; Caspase 9; Apoptosis-Related Cysteine Protease; Apoptotic Protease-Activating Factor 3; Protein Phosphatase 1

Background

Gene Name: CASP9
NCBI Gene Entry: 842
UniProt Entry: P55211

Application Information

Molecular Weight: Predicted, 46 kDa; observed, 46 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB12400
Species Reactivity: Human, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of human Caspase-9

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

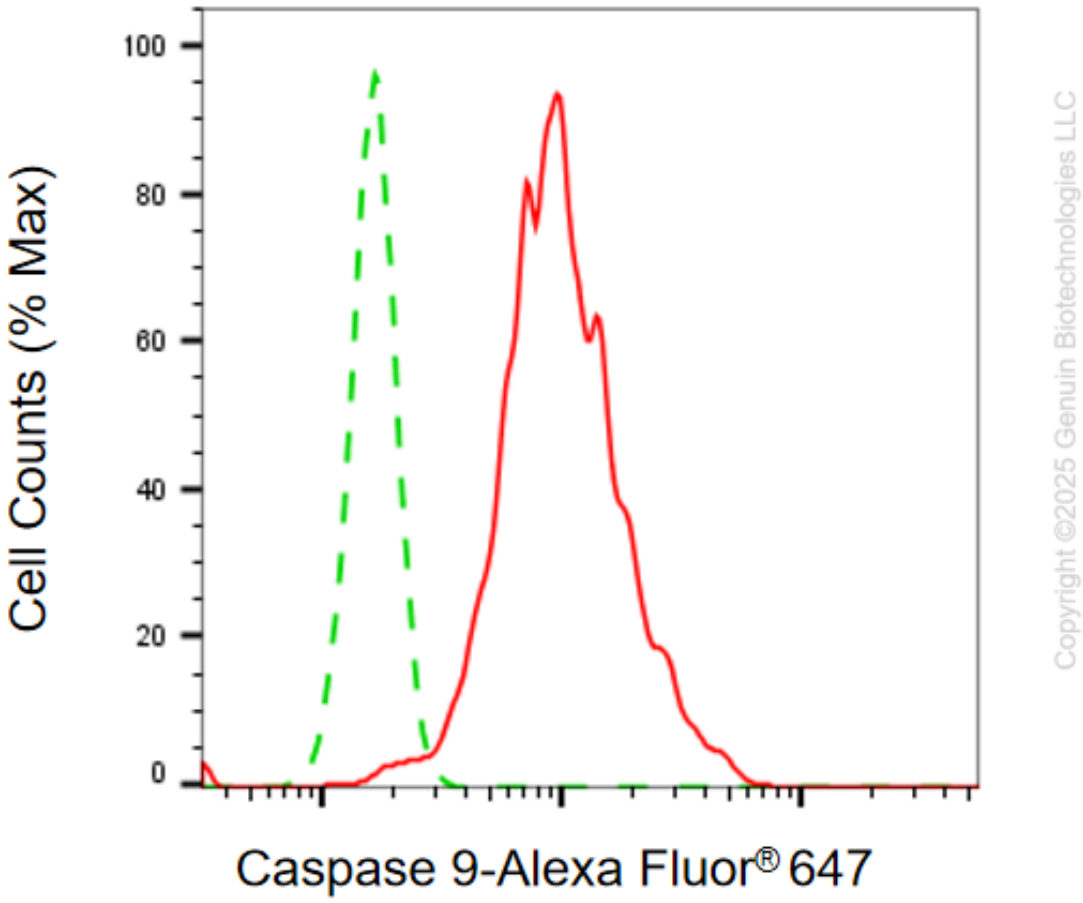
Store at -20 °C for one year.

Recommended Dilutions

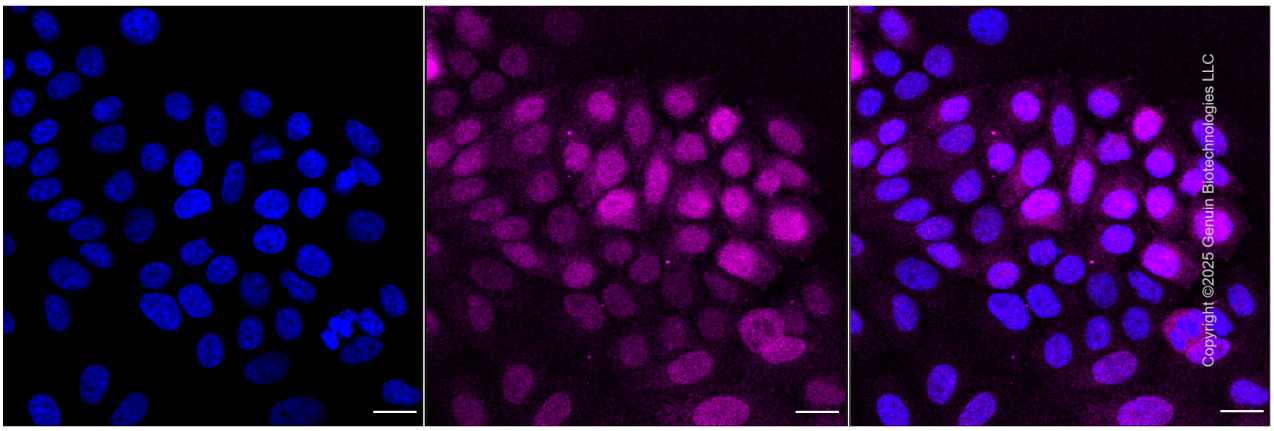
Western Blotting (WB): 1:1,000-1:5,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

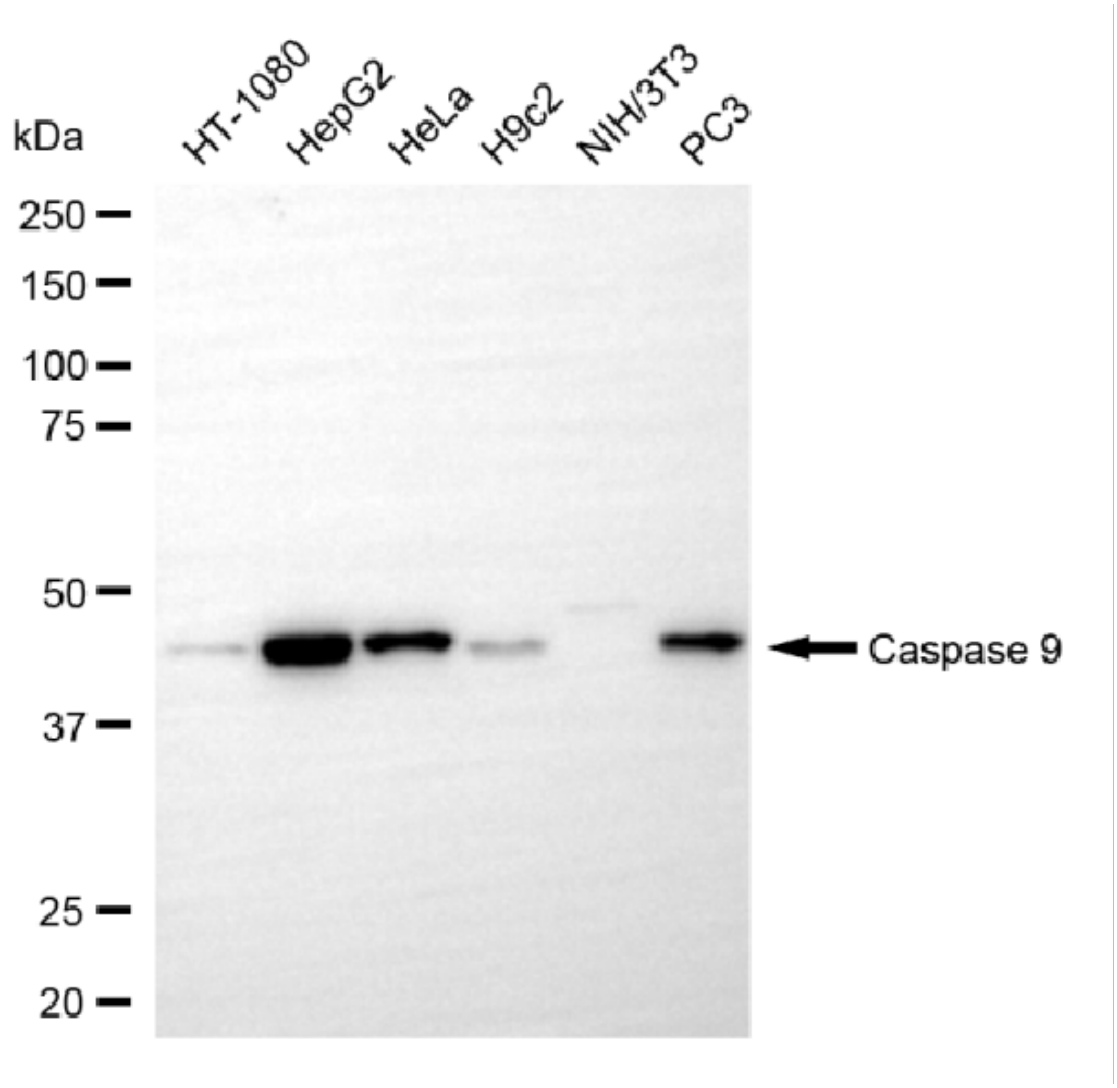


Flow cytometric analysis of Caspase 9 expression in HepG2 cells using anti-Caspase 9 antibody (Cat#4678, 1:2,000). Green, isotype control; red, Caspase 9.



Immunocytochemical staining of HepG2 cells with anti-caspase 9 antibody (Cat#4678, 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.



Western blotting analysis using anti-caspase 9 antibody (Cat#4678). 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#4678, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).