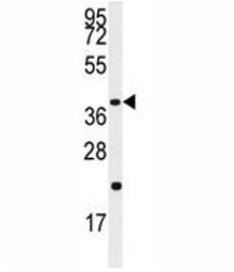
Caspase-9 Antibody (F50929)

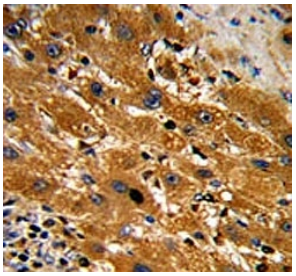
Catalog No.	Formulation	Size
F50929-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50929-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

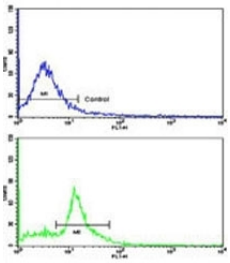
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P55211
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This Caspase-9 antibody is available for research use only.



Western blot analysis of Caspase-9 antibody and Jurkat lysate



IHC analysis of FFPE human hepatocarcinoma with Caspase-9 antibody



Flow cytometric analysis of MDA-231 cells using Caspase-9 antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Caspase 9 is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade.

Application Notes

Titration of the Caspase-9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Caspase-9 antibody was produced from rabbits immunized with a KLH conjugated synthetic peptide corresponding to amino acid residues surrounding S196 of human CASP9.

Storage

Aliquot the Caspase-9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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