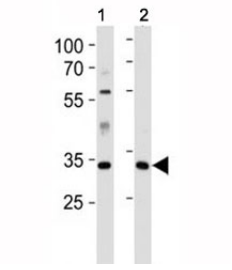
Caspase-9 Antibody (F50930)

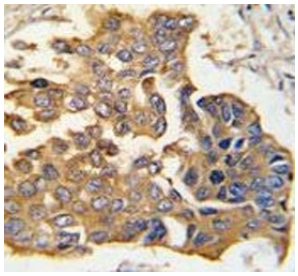
Catalog No.	Formulation	Size
F50930-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50930-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

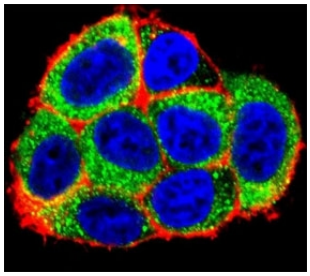
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P55211
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This Caspase-9 antibody is available for research use only.



Caspase-9 antibody western blot analysis in 1) human HeLa and 2) mouse L929 lysate



IHC analysis of FFPE human lung carcinoma tissue stained with Caspase-9 antibody



Confocal immunofluorescent analysis of Caspase-9 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

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

A portion of amino acids 183-211 from the human protein was used as the immunogen for this Caspase-9 antibody.

Storage

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

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