

# Caspase 8 Antibody (90A992)

Lot Number: QB1984081

Product Data Sheet

Tested Species Reactivity	
Human (Hu)	
Non-human primate (Nhp)	

Tested Applications	Dilution *
Western Blot (WB)	0.5-2 µg/ml
Immunohistochemistry (Paraffin) (IHC (P))	4 µg/ml
Flow Cytometry (FACS)	0.1-0.5 µg/ml

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	MA1-41280
Size:	100 µg
Class:	Monoclonal
Type:	Antibody
Clone:	90A992
Host / Isotype:	Mouse / IgG1
Immunogen:	Human Caspase-8 amino acids PVETDSEEQP

Form Information	
Form:	Liquid
Concentration:	0.5mg/ml
Purification:	Protein G
Storage Buffer:	PBS with 0.05% BSA
Preservative:	0.05% sodium azide
Storage Conditions:	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Product Specific Information	General Information
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MA1-41280 detects Caspase-8 in human, Rhesus monkey, and chimpanzee samples.

Suggested positive control: Jurkat, antigen standard for CASP8 (transient overexpression lysate), Jurkat whole cell lysate.

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Caspases are a family of cysteine proteases that are key mediators of programmed cell death or apoptosis. The precursor form of all caspases is composed of a prodomain, and large and small catalytic subunits. The active forms of caspases are generated by several stimuli including ligand-receptor interactions, growth factor deprivation and inhibitors of cellular functions. All known caspases require cleavage adjacent to aspartates to liberate one large and one small subunit, which associate into a2b2 tetramer to form the active enzyme. Caspase-8 (FLICE) forms a direct link between the activation of CD95 and the caspase pathway. Overexpression of Caspase-8 induces apoptosis, which can be blocked by inhibitors specific for the ICE family.

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