

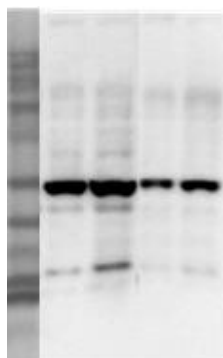
**CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET**

<b>Product name</b>	Caspase-8, Human, pAb			
<b>Catalog number</b>	HP9061			
<b>Lot number</b>	-	<b>Expiry date</b>	-	
<b>Volume</b>	0.1 ml	<b>Amount</b>	100 µg	
<b>Host Species</b>	Rabbit IgG	<b>Concentration</b>	1 mg/ml	
<b>Formulation</b>	0.2 µm filtered in PBS+50%glycerol+0.5%BSA+0.02%NaN3		<b>Conjugate</b>	None
<b>Endotoxin</b>	N.A.	<b>Purification</b>	Affinity	
<b>Storage</b>	4°C			

**Application notes**

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #								
Yes						•		•
No								
N.D.	•	•	•	•	•		•	

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot



W: Western blot with HP9061. Lane 2 and 3 is a sample of reduced HeLa cells and lane 4 and 5 non-reduced.

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

- W: A reduced and non-reduced sample treatment and SDS-Page was used. The band size is ~55 kDa

**General Information**
**Description**

The caspase-8 antibody recognizes caspase-8, 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 composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined. The caspase-8 polyclonal antibody recognizes endogenous caspase-8.

**Immunogen**

Synthesized peptide derived from human Caspase-8 around the non-phosphorylation site of S347

<b>Aliases</b>	CASP-8, Apoptotic protease Mch-5, Apoptotic cysteine protease, CAP4, FADD-homologous ICE/ced-3-like protease, FADD-like ICE, FLICE, ICE-like apoptotic protease 5, ICE-like apoptotic protease 5, MACH
<b>Gene</b>	Gene name: CASP8, MCH5
<b>Cross reactivity</b>	Rat: Yes.
<b>Storage&amp;stability</b>	Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year.
<b>Precautions</b>	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

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We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC  
Robbert Zwinkels

Date  
15/03/2018

Do you have any questions or comments regarding this product? Please contact us via [support@hycultbiotech.com](mailto:support@hycultbiotech.com).