

## CASP8

### Mouse Anti-Human Active Caspase 8 Apoptosis-Related Cysteine Peptidase Clone C502S Affinity Purified mAb

<b>Catalog No.</b>	CMC435	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Caspase 8, ALPS2B, CAP4, FLICE, MACH, MCH5		
<b>Gene ID:</b>	841		
<b>Description:</b>	<p>Mouse Anti-Human Active Caspase 8 Clone C502S Affinity Purified monoclonal antibody. Caspase 8, a member of the caspase-family of proteases, plays a key role in mediating Fas (CD95) and TNF induced apoptosis. Caspase 8 is synthesized as inactive pro-enzyme. Activation of the enzyme involves proteolytic cleavage that leads to the release of the active p18 and p10 subunits. Activated caspase 8 is able to cleave and activate downstream caspases, such as caspase 3, -6, -7 and a death agonist member of the BCL2/BCL-xL family, Bid, leading to apoptosis.</p>		
<b>Concentration:</b>	0.2 mg/ml		
<b>Specificity:</b>	Detects the 10 kDa small subunit of human Caspase 8. Does not detect the full length Caspase 8.		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Synthetic peptide derived from the amino-terminal sequence of p10 of human caspase-8		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	C502S		
<b>Formulation:</b>	Liquid in PBS + 50% glycerol + 1% BSA + 0.02% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Biospecific affinity chromatography		
<b>Applications:</b>	Western Blot Immunoprecipitation		
<b>Application Notes:</b>	<p>For Western Blot, use a working dilution of 0.5-4 µg/ml.            For Immunoprecipitation, use a working dilution of 10 µg/ml.            The optimal concentration should be determined by the user for each specific application.</p>		
<b>Storage &amp; Stability:</b>	Store at -20°C or in working aliquots at -80°C for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>		

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