

Mouse Anti-Multispecies Caspase 7 Clone B4-G2 mAb

Catalog No.	CMC432	Quantity:	100 µg
Alternate Names:	CASP7, CMH-1, ICE-LAP3, MCH3		
Description:	Mouse Anti-multispecies Caspase 7 Clone B4-G2 monoclonal antibody. The caspase family of cysteine proteases plays a key role in apoptosis. Caspase 7 is a 34 kDa protein that is activated during Fas- and TNF-induced apoptosis. Caspase 7 has been identified as a major contributor to the execution phase of cellular apoptosis. It cleaves essential cellular machinery following its own cleavage from an inactive proenzyme to an active heterodimeric form. Caspase 7 is processed by caspase 3, -6, -8, -9, and -10 as well as by Granzyme B.		
Concentration:	0.5 mg/ml		
Gene ID:	840 (Human)		
Specificity:	Human, mouse, and rat. Detects both pro-caspase 7 (34 kDa) and the large subunit of cleaved caspase 7 (19 kDa) in apoptosis cells on SDS-PAGE immunoblots.		
Host:	Mouse		
Immunogen:	Synthetic peptide from human caspase-7		
Isotype:	IgG1		
Clone:	B4-G2		
Formulation:	Liquid in PBS + 1 mg/ml BSA + 1.5 mM thimerosal + 50% glycerol. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	Western Blot Immunoprecipitation		
Application Notes:	For Western Blot use a working dilution of 0.5-2 µg/ml. For Immunoprecipitation use a working dilution of 4-10 µg/ml. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

