

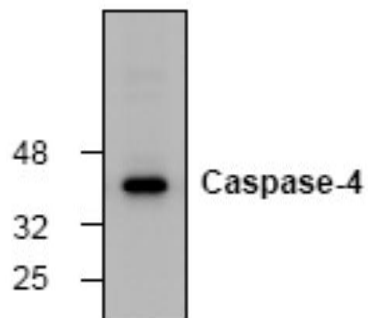
CASP4

Mouse Anti-Human Caspase 4 Apoptosis-Related Cysteine Peptidase Clone D44 Affinity Purified mAb

Catalog No.	CMC437	Quantity:	100 µg
Alternate Names:	Caspase 4, ICEREL-II, ICH-2, TX		
Gene ID:	837		
Description:	Mouse Anti-Human Caspase 4 Clone D44 Affinity Purified monoclonal antibody. The caspase family of cysteine proteases play a key role in apoptosis. Like other caspases in the family, caspase 4 is also synthesized as inactive pro-enzyme that is processed in cells by self-proteolysis and/or cleavage by another upstream protease. The processed form of caspase 4 consists of large and small subunits which associate to form an active enzyme. Caspase 4 has been implicated involving in Fas-mediated apoptosis.		
Concentration:	0.5 mg/ml		
Specificity:	Detects the 43 kDa human caspase 4.		
Host:	Mouse		
Immunogen:	Synthetic peptide corresponding to the N-terminus of human caspase 4		
Isotype:	IgG1		
Clone:	D44		
Formulation:	Liquid in PBS + 0.5% BSA + 1.5 mM sodium azide + 30% glycerol. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Biospecific affinity chromatography		
Applications:	Western Blot		
Application Notes:	For Western Blot, use a working dilution of 0.5-4 µg/ml. 293 cell lysate can be used as a positive control. 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.		



Western Blot analysis of Caspase 4 in 293 cell lysate



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



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