

HSP90AA1

Mouse Anti-Human Heat Shock Protein 90 Clone 4F10 mAb

Catalog No.	CSI15585A CSI15585B	Quantity:	50 µl 100 µl
Alternate Names:	EL52, HSP86, HSP89A, HSP90A, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, Hsp89, Hsp90, LAP2		
Description:	Mouse Anti-Human HSP90 Clone 4F10 monoclonal antibody. HSP90 is a human heat shock protein. In response to adverse change in their environment, cells from all organisms increase the expression of a class of proteins referred to as heat shock or stress protein. The HSP90, a highly conserved stress-induced protein, is abundantly expressed in most tissues under non-stress conditions and is required for eukaryotic cell viability. HSP90 is primarily a cytoplasmic protein and its function remains unknown. It exists in a dimeric form and has been observed to bind to several other cellular proteins such as retro-virus kinases, steroid receptor, heme-regulated protein kinase, actin and tubulin.		
Concentration:	1 mg/ml		
Gene ID:	3320		
Specificity:	Human HSP90		
Host:	Mouse		
Immunogen:	Recombinant human HSP90 (aa 1-732) purified from <i>E. coli</i>		
Isotype:	IgG _{2b} heavy chain and κ light chain		
Clone:	4F10		
Formulation:	Liquid in PBS, pH 7.4 with 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein G affinity chromatography		
Applications:	Western Blot ELISA		
Application Notes:	For Western Blot, use a working dilution of 1:1,000-1:2,000. Recommended starting dilution is 1:1,000. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable for 1 month at 2-4°C or in working aliquots at -20°C for longer storage. Avoid repeated freeze-thaw cycles.		

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



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