

Monoclonal antibody to human prorenin, biotin labeled, Clone 4B5-E3, mAb

Catalog No.	CSI20221A CSI20221B	Quantity:	100 µg 1.0 mg
Description:	Biotin labeled inhibitory mouse monoclonal antibody directed to human prorenin (Patent Pending). This antibody recognizes and binds only to prorenin. It does not bind or otherwise interact with active renin. Blocks proteolytic conversion of prorenin to renin by catalytic amounts of trypsin (unpublished data). Binding epitope is within amino acid residues 30-43 (MARLGPEWSQPMKR) of prorenin. Strongly blots prorenin under non-reducing and reducing conditions. No cross reactivity with mouse or rat prorenin. Clone 4B5-E3. IgG2b class.		
Concentration:	1.0 mg/ml		
Molecular Weight:	43,725		
Purity:	IgG fraction		
Specificity:	Recognizes amino acid residues 3-43 (MARLGPEWSQPMKR) of the prosegment of prorenin.		
Host:	Mouse		
Immunogen:	Recombinant full length wild-type human protein (Glycosylated).		
Isotype:	IgG2b kappa		
Clone:	4B5-E3		
Volume:	0.1 ml		
Formulation:	Liquid in 0.05M Sodium Phosphate + 0.1M NaCl + 1mM EDTA, pH 6.6		
Source:	Hybridoma cell culture		
Cross-Reactivity:	Human		
Applications:	ELISA, WB		
Application Notes:	The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	When stored at -80°C product is stable for 5 years from date of delivery. Avoid repeated freeze-thaw cycles.		

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