

Product Specification Sheet

Anti-Human Prorenin,
Monoclonal, Biotin Labeled
Product Number: RN40
Aliquot: 0.1 mg
Lot Number: rn40.410
Storage: -70°C

DESCRIPTION:	This mouse monoclonal antibody was made against human prorenin. It recognizes and binds only to prorenin. It will not bind to or interact with active renin. This antibody will block the proteolytic conversion of prorenin to renin by catalytic amounts of trypsin. The binding epitope is within amino acid residues 30-43 (MARLGPEWSQPMKR) of the prosegment of prorenin.
ANTIGEN MOLECULAR WEIGHT:	43.7 kDa
CONCENTRATION:	5. mg/mL
LABEL:	2.3 mole biotin/mole IgG
STORAGE BUFFER:	0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6
STORAGE:	-70°C
IMMUNOGEN:	Recombinant full length wt Human glycosylated protein
PURIFICATION:	IgG Fraction
CLASS:	IgG2b kappa
CLONE:	4B5-E3
APPLICATIONS:	Western Blotting and ELISA. Strongly blots prorenin under non-reducing and reducing conditions.
SPECIES SPECIFICITY:	Specific for human prorenin only. Will not cross-react with mouse or rat.