



Cleaved-Plasma Kallikrein HC (R390) Monoclonal Antibody

Catalog No BYmab-03356 Isotype IgG Reactivity Human;Rat;Mouse; Applications WB Gene Name KLKB1 Protein Name Plasma kallikrein Immunogen The antiserum was produced against synthesized peptide derived from human KLKB1. AA range;341-390 Specificity Cleaved-Plasma Kallikrein HC (R390) Monoclonal Antibody detects endogenous levels of fragment of activated Plasma Kallikrein HC protein resulting from cleavage adjacent to R390. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms KLKB1; KLK3; Plasma kallikrein; Fletcher factor; Klninogenin; Plasma prekallikrein Observed Band 45kD Cell Pathway Secreted. Tissue Specificity Colon, Liver, Plasma, Function catalytic activity: Cleaves selectively Arg-l-Xaa and Lys-l		
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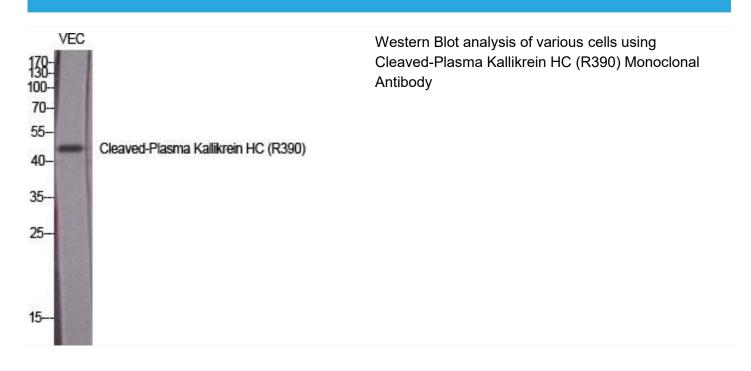


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	may also play a role in the renin-angiotensin system by converting prorenin into renin.,similarity:Belongs to the peptidase S1 family.,similarity:Belongs to the peptidase S1 family. Plasma kallikrein subfamily.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 4 apple domains.,subunit:The zymogen is activated by factor XIIa, which cleaves t
Background	This gene encodes a glycoprotein that participates in the surface-dependent activation of blood coagulation, fibrinolysis, kinin generation and inflammation. The encoded preproprotein present in plasma as a non-covalent complex with high molecular weight kininogen undergoes proteolytic processing mediated by activated coagulation factor XII to generate a disulfide-linked, heterodimeric serine protease comprised of heavy and light chains. Certain mutations in this gene cause prekallikrein deficiency. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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