



## PCSK9 Mouse mAb(5G4)

Catalog No         BYab-04835           Isotype         IgG           Reactivity         Human; Mouse;Rat           Applications         IHC-p;WB           Gene Name         PCSK9 NARC1 PSEC0052           Protein Name         PCSK9           Immunogen         Synthesized peptide derived from human PCSK9           Specificity         This antibody detects endogenous levels of PCSK9 at Human, Mouse,Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.84% sodium azide.           Source         Monoclonal, Mouse           Purification         The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.           Dilution         IHC-p1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Proprotein convertase subtilisin/kexin type 9 (EC 3.4.21) (Neural apoptosis-regulated convertase 1) (NARC-1) (Proprotein convertase 9) (PC9) (Subtilisin/kexin-like protease PC9)           Observed Band         74kD           Cell Pathway         Cytoplasm, Secreted. Endosome. Lysosome. Cell surface. Endoplasmic reticulum. Golgi apparatus. Autocatalytic cleavage is required to transport it from the endoplasmic reticulum in the absence of LDLR and colocalizes to the endoplasmic required to transport it from the endoplasmic reticulum in the		
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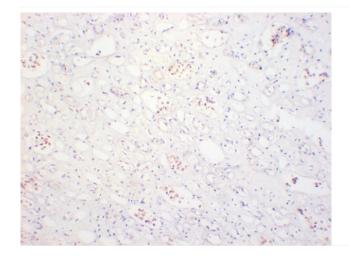


	homeostasis.,PTM:The soluble zymogen undergoes autocatalytic intramolecular processing in the endoplasmic reticulum, resulting in the cleavage of its propeptide that remains associated with the secreted enzyme.,similarity:Belongs to the peptidase S8 family.,similarity:Contains 1 peptidase S8 domain.,subunit:The precursor protein but not the mature protein may form multimers.,tissue specificity:Expressed in neuro-epithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schwann cells.,
Background	This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It is expressed in liver, intestine and kidney tissues and escorts specific receptors for lysosomal degradation. It plays a role in cholesterol and fatty acid metabolism. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014],
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.

## **Products Images**



Immunohistochemical analysis of paraffin-embedded Human KidneyTissue using PSCK9 Mouse Monoclonal antibody diluted at 1:200.

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