#D10005

RENIN[1N16] Mouse mAb

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☐50 μl
☐100 μl
☐200 μl

DESCRIPTION

Renin catalyzes the first step in the activation pathway of angiotensinogen-a cascade that can result in aldosterone release,vasoconstriction, and increase in blood pressure. Renin, an aspartyl protease, cleaves angiotensinogen to form angiotensin I, which is converted to angiotensin II by angiotensin I converting enzyme, an important regulator of blood pressure and electrolyte balance. Transcript variants that encode different protein isoforms and that arise from alternative splicing and the use of alternative promoters have been described, but their full-length nature has not been determined. Mutations in this gene have been shown to cause familial hyperproreninemia.

SPECIFICITY

Human RENIN

FORMAT

Purified : IgG / Liquid
Purfication : Affinity chromatography on Protein G
Buffer system : 10 mM Hepes , 75 mM NaCl , pH 7.5, containing 0.05% Procline 300

HOST/ISOTYPE

Mouse / IgG1

CLONE

1N16

IMMUNOGEN

Renin protein

APPLICATION

ELISA 1:10000--1:5000000

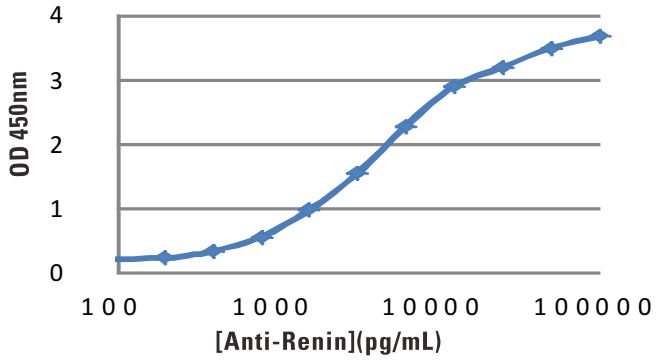
STORAGE

Stored at -20°C or below until use. Avoid repeated freezing and thawing cycles.

COMPANION PRODUCTS

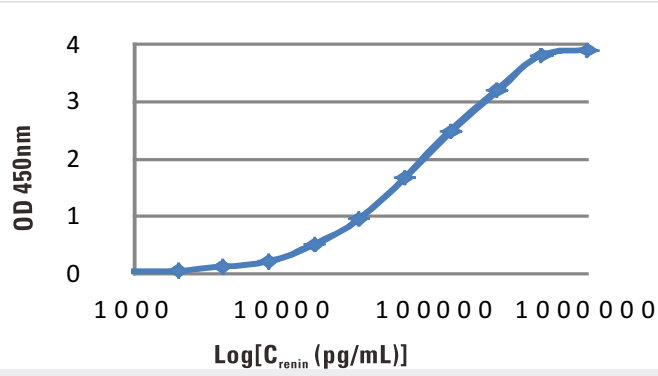
#D10000 PTH[3H19-B] Mouse mAb
#D10001 PTH[4G4] Mouse mAb
#T30000 Digoxin[1B9] Mouse mAb
#T30001 Digoxin[2N7] Mouse mAb
#T30003 Digoxin[2N7] mAb (HRP Coujugated)

APPLICATION DATA



Renin Indirect ELISA Test

Coating : Renin protein at 1 μg/mL by Carbonate-Bicarbonate
Incubation : Anti-Renin antibody at 100--0.1 ng/mL dilution
Secondary
Goat Anti-Mouse IgG-HRP at 1/10000 dilution
Blocking/Dilution buffer : 5% milk/PBST



Renin Indirect ELISA Test

Coating : Renin protein at 1000--1 ng/mL by Carbonate-Bicarbonate
Incubation : An-Renin antibody at 1μg/mL dilution
Secondary
Goat Anti-Mouse IgG-HRP at 1/10000 dilution
Blocking/Dilution buffer : 5% milk/PBST

Reactivity Key: H–human, M–mouse,R–rat, ChHm–Chinese hamster, Mk–monkey, C–chicken, Dm–D.melanogaster, X–xenpus, Z–zebrafish, B–bovine, Dg–dog,Pg–pig, Sc–S.cerevisiae, Ce–C.elegans, Hr–horse