

Aminopeptidase P Monoclonal Antibody (JG12), eBioscience™

Product Details

Size	100 µg
Species Reactivity	Rat
Published Species	Rat
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	JG12
Conjugate	Unconjugated
Immunogen	Rec. Rat Aminopeptidase P
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10597125

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	Assay-Dependent	8 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	2 Publications

Product Specific Information

Description: Aminopeptidase P is a glycosyl-phosphatidylinositol (GPI) anchored membrane enzyme that is recognized by a monoclonal antibody designated JG12 that was raised against rat glomerular membrane protein fractions and labeled intensely microvessels of kidney and lung.

Applications Tested: Immunohistochemistry (Paraffin).

Immunohistochemistry (8)

Nutrients

Paricalcitol Improves the Angiopoietin/Tie-2 and VEGF/VEGFR2 Signaling Pathways in Adriamycin-Induced Nephropathy.

"BMS1104 was used in Immunohistochemistry-immunofluorescence to show a protective role of paricalcitol in the renal microvasculature that could be used as a target for treating the beginning of CKD."

Authors: Deluque AL,Oliveira BM,Souza CS,Maciel ALD,Francescato HDC,Giovanini C,de Almeida LF,de Paula FJA, Costa RS,Antunes-Rodrigues J,Coimbra TM

Year
2022

Species
Rat

Dilution
1:500

Frontiers in medicine

Effect of Calcitriol on the Renal Microvasculature Differentiation Disturbances Induced by AT₁ Blockade During Nephrogenesis in Rats.

"Published figure using Amino-peptidase P monoclonal antibody (Product # BMS1104) in Immunohistochemistry"

Authors: Deluque AL,de Almeida LF,Francescato HDC,da Silva CGA,Costa RS,Antunes-Rodrigues J,Coimbra TM

Year
2020

Species
Rat

Dilution
1:1000

[View more IHC references on thermofisher.com](#)

Immunohistochemistry (Paraffin) (2)

PloS one

Mesenchymal stem cells (MSC) prevented the progression of renovascular hypertension, improved renal function and architecture.

"BMS1104 was used in Immunohistochemistry on paraffin embedded tissues to investigate alternative therapies for treatment of renovascular hypertension."

Authors: Oliveira-Sales EB,Maquigussa E,Semedo P,Pereira LG,Ferreira VM,Câmara NO,Bergamaschi CT,Campos RR,Boim MA

Year
2014

Species
Rat

Journal of diabetes and its complications

C-peptide preserves the renal microvascular architecture in the streptozotocin-induced diabetic rat.

"BMS1104 was used in Immunohistochemistry on paraffin embedded tissues to suggest that C-peptide is renoprotective by preserving the integrity of the renal microvasculature irrespective of glucose regulation."

Authors: Flynn ER, Lee J, Hutchens ZM, Chade AR, Maric-Bilkan C

Year
2014

Species
Rat

Dilution
1:1000

More applications with references on thermofisher.com

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