

Anti human HNF4 gamma mouse monoclonal antibody

HNF4 gamma: Hepatocyte Nuclear Factor 4 gamma

Code No PP-N3224-00

Clone No. N3224

Lot. A-1

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description HNF4gamma(NR2A2) is a member of orphan receptors. The expression is observed in pancreas, kidney, small intestine, and testis, with no expression detected in liver. The level is lesser than 10% of the HNF4 alpha.

Nomenclature NR2A2

Genbank Z49826

Origin Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with E.coli-expressed recombinant human HNF4 gamma (96-408 aa) .

Specificity This antibody specifically recognizes human HNF4 gamma and cross reacts with mouse and rat HNF4 gamma. This antibody does not recognize human HNF4 alpha.

Purification Ammonium sulfate fractionation.

Formulation Physiological saline with 0.1% NaN₃ as a preservative.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot 1 ug/mL

Non reducing Western Blot 3 ug/mL

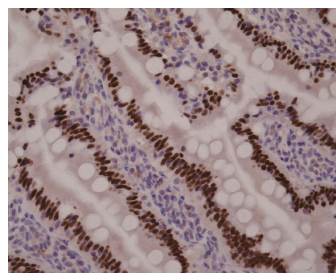
ELISA 0.01 ug/mL (A450=1.0)

Immunoprecipitation Not yet tested

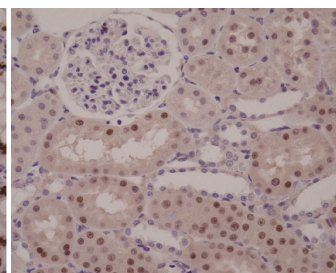
Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry 10µg/mL



Rat
mucosa of small intestine



Rat
renal proximal tubule

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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July 1, 2023