

Anti human NGFI-B beta mouse monoclonal antibody(ProteinA purified)

NGFI-B beta: Nerve growth factor-induced clone B beta

Code No PP-N1404-0C

Clone No. N1404

Lot. B-1

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description NGFI-B β (NR4A2) is an orphan receptor. The expression is found in liver as well as in pituitary, thymus and osteoblasts. Transcription is enhanced in synovial tissue of RA patients compared with normal individuals. Induction of this receptor occurs downstream to multiple inflammatory mediators. Mice lacking this gene failed to generate brain dopaminergic neurons, which may relate for Parkinson Disease.

Nomenclature NR4A2

Genbank NM_173173

Origin Produced in serum-free medium with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human NGFI-B beta(2-99 aa).

Specificity This antibody specifically recognizes human NGFI-B beta and cross reacts with mouse and rat NGFI-B beta. This antibody does not recognize human NGFI-B alpha and gamma.

Purification Affinity chromatography with Protein A

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

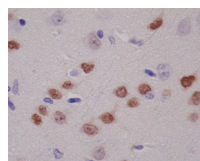
ELISA Decide by use

Immunoprecipitation Decide by use

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry 10 ug/mL



rat
Cerebrum
paraffin section

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