

## Anti human NGFI-B gamma mouse monoclonal antibody

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

**Code No** PP-H7833-00

**Clone No.** H7833

**Lot.** A-2

**Concentration** 1 mg/mL

**Volume** 100 uL

**Ig Class** G2a

**Description** Nerve growth factor inducible factor I-B gamma (NGFI-Bg, TEC, MINOR, CHN, NOR-1; NR4A3) is a member of orphan nuclear receptor. NGFI-Bg is expressed in skeletal muscle, fetal heart. Its expression is induced in response to various stress stimuli and growth factors. NGFI-Bg has roles in signaling in multiple tissues, including the hypothalamic-pituitary axis. RXR has been shown to be a partner for NR4A1 and NR4A2 but not NR4A3.

**Nomenclature** NR4A3

**Genbank** D78579

**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 Baculovirus-expressed recombinant human NGFI-B gamma (2-95 aa).

**Specificity** This antibody specifically recognizes human NGFI-B gamma but does not recognize human NGFI-B alpha and beta. Not yet tested in other species.

**Purification** Ammonium sulfate fractionation

**Formulation** Physiological saline with 0.1% NaN<sub>3</sub> 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** Not applicable

**ELISA** 1 ug/mL

**Immunoprecipitation** Decide by use

**Supershift Assay** Not yet tested

**Chromatin immunoprecipitation** Not yet tested

**Immunohistochemistry** Not yet tested

**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.

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

**MADE IN JAPAN**

July 1, 2023