

## 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-1

**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.

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