

Anti human NGFI -B alpha mouse monoclonal antibody

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

Code No	PP-H1648-00
Clone No.	H1648
Lot.	***
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Nerve growth factor inducible factor I-B alpha (NGFI-Ba, NAK1, TR3; NR4A1) is a member of orphan nuclear receptor. NGFI-Ba is expressed in brain, adrenal, thyroid, liver, testis, ovary, thymus, muscle, lung and prostate. Its expression is induced in response to various stress stimuli and growth factors. NGFI-Ba is involved in mediating apoptotic signaling in thymocytes and tumor cells, as well as having a role in signaling in the hypothalamic-pituitary axis. RXR has been shown to be a partner for NR4A1.
Nomenclature	NR4A1
Genbank	L13740
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 alpha (2-249 aa) .
Specificity	This antibody specifically recognizes human NGFI-B alpha but does not recognize human NGFI-B beta and gamma. Not yet tested in other species.
Purification	Ammonium sulfate fractionation
Formulation	Physiological saline with 0.1% NaN ₃ 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 yet tested
ELISA	0.3 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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MADE IN JAPAN

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