

Anti human NGFI -B alpha mouse monoclonal antibody

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

Code No	PP-H1648-00 old No. 2ZH1648H	Application / Recommended Concentration	In order to obtain the best results, optimal working dilutions should be determined by each individual user.
Clone No.	H1648	Western Blot	1 ug/mL
Lot.	A-1	Non reducing Western Blot	Not yet tested
Concentration	1 mg/mL	ELISA	0.3 ug/mL
Volume	100 uL	Immunoprecipitation	Decide by use
Ig Class	G2a	Supershift Assay	Not yet tested
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.	Chromatin immunoprecipitation	Not yet tested
Nomenclature	NR4A1	Immunohistochemistry	Not yet tested
Genbank	L13740	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.
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) .	Reference	
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.	Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.
Purification	Ammonium sulfate fractionation		
Formulation	Physiological saline with 0.1% NaN3 as a preservative.		

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