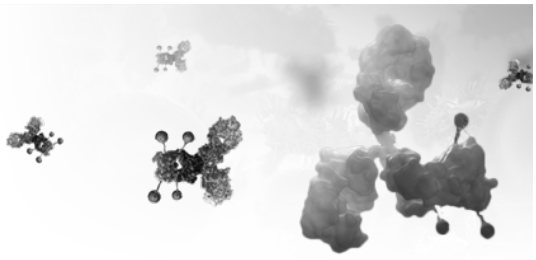

Mouse Anti-Human Beta NGF Monoclonal Antibody, clone 5G0I2 [Functional Grade] (CABT-Z733M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Human Humankine Beta NGF protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5G0I2
Purification	Protein G purified
Conjugate	Functional Grade
Applications	Neut, ELISA
Reconstitution	Reconstitute at 1.0 mg/mL in sterile H2O before use.
Format	Lyophilized
Size	100 µg
Buffer	Sterile PBS. Endotoxin level <0.1 EU/µg.
Preservative	None
Storage	Lyophilized antibodies are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be

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	avoided with reconstituted products.
Ship	Wet ice

BACKGROUND

Introduction	Beta nerve growth factor (NGF) is critical for the survival and maintenance of sympathetic and sensory neurons and may play an important role in the regulation of the immune system (PMID 16842161). The presence of beta NGF in immune cells, endocrine cells, and the CNS limbic areas suggests that beta NGF may function as an intracellular messenger to regulate the body's response to stress (PMID 19442684).
Keywords	NGF;nerve growth factor (beta polypeptide);NGFB;HSAN5;Beta-NGF;MGC161426

GENE INFORMATION

Gene Name	NGF
Entrez Gene ID	4803
UniProt ID	P01138

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