Ngf monoclonal antibody, clone NGF30

Catalog # MAB5676 Size 100 uL

Specification

Product Description	Rat monoclonal antibody raised against Ngf.
Immunogen	Mouse nerve growth factor (NGF).
Host	Rat
Reactivity	Mouse
Specificity	This antibody recognizes mouse NGF monomer protein (MW 13 KDa) by WB. It does not cross react with EGF, BSA, APO or insulin.
Form	Lyophilized
Isotype	IgG2a
Recommend Usage	Western Blot (1:10) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at 4°C or -20°C on dry atmosphere. After reconstitution with water and glycerol (1:1), store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Western Blot

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Info — Ngf

Entrez GeneID	18049
Protein Accession#	P01138 (Human)
Gene Name	Ngf
Gene Alias	Ngfb
Gene Description	nerve growth factor
Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	nerve growth factor, beta

Publication Reference

- A nerve growth factor mimetic TrkA antagonist causes withdrawal of cortical cholinergic boutons in the adult rat.

  Debeir T, Saragovi HU, Cuello AC.

  PNAS 1999 Mar; 96(7):4067.

  Application: Func, IHC, Rat, Rat cortex

- A TrkA-selective, fast internalizing nerve growth factor-antibody complex induces trophic but not neuritogenic signals.

  Saragovi HU, Zheng W, Maliartchouk S, DiGugliemo GM, Mawal YR, Kamen A, Woo SB, Cuello AC, Debeir T, Neet KE.

  The Journal of Biological Chemistry 1998 Dec; 273(52):34933.

  Application: Added, Recombinant protein

- Two distinct monoclonal antibodies raised against mouse beta nerve growth factor. Generation of bi-specific anti-nerve growth factor anti-horseradish peroxidase antibodies for use in a homogeneous enzyme immunoassay.

  Kenigsberg RL, Elliott PJ, Cuello AC.

  Journal of Immunological Methods 1991 Feb; 136(2):247.

  Application: C-ELISA, IF, IHC-Fr, WB-Re, Mouse, Mouse submandibular glands, PC-12 cells, Recombinant proteins, Septal cells

Copyright © 2023 Abnova Corporation. All Rights Reserved.