

Anti-Growth Differentiation Factor 9B [28A]

Catalogue number: 153650

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: BioServ UK Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Growth Differentiation Factor 9B [28A]

Alternate name: Bone morphogenetic protein 15, BMP-15, Growth/differentiation factor 9B, GDF9B

Class: Monoclonal

Conjugate: Unconjugated

Description: BMP15, also known as GDF9B, plays a crucial role in the regulation of fertility. Clone 28A has been used to detect BMP15 expression and biosynthesis in various carcinoma progression studies.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Recognizes sequence SAEVTASSSKHSGPENNTQC on the C-terminus of human GDF9B (BMP15)

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Growth Differentiation Factor 9B

Target alternate names:

Target background: BMP15, also known as GDF9B, plays a crucial role in the regulation of fertility. Clone 28A has been used to detect BMP15 expression and biosynthesis in various carcinoma progression studies.

Molecular weight: 55 kDa

Ic50:

Applications

Application: ELISA ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Maccarrone et al. 2017. *J Chromatogr B Analyt Technol Biomed Life Sci.* 1047:131-140. PMID: 27461358. ; Cerina et al. 2017. *Brain Behav Immun.* 59:103-117. PMID: 27569659. ; The quality of cortical network function recovery depends on localization and degree of axonal demyelination. ; Chuang et al. 2016. *Acta Neuropathol Commun.* 4(1):68. PMID: 27400748. ; LRP1 expression in microglia is protective during CNS autoimmunity. ; MALDI imaging mass spectrometry analysis-A new approach for protein mapping in multiple sclerosis brain lesions. ; Janssen et al. 2016. *Mol Neurobiol.* 53(3):1551-1564. PMID: 25663168. ; Hftberger et al. 2015. *Acta Neuropathol Commun.* 3:80. PMID: 26637427. ; Autoimmune encephalitis in humans: how closely does it reflect multiple sclerosis ? ; Absence of CCL2 and CCL3 Ameliorates Central Nervous System Grey Matter But Not White Matter Demyelination in the Presence of an Intact Blood-Brain Barrier. ; Identification of synaptosomal proteins binding to monomeric and oligomeric α -synuclein. ; Betzer et al. 2015. *PLoS One.* 10(2):e0116473. PMID: 25659148. ; 7 Tesla magnetic resonance imaging to detect cortical pathology in multiple sclerosis. ; Garca-Vallejo et al. 2014. *J Exp Med.* 211(7):1465-83. PMID: 24935259. ; CNS myelin induces regulatory functions of DC-SIGN-expressing, antigen-presenting cells via cognate interaction with MOG. ; Yao et al. 2014. *PLoS One.* 9(10):e108863. PMID: 25303286. ; Skripuletz et al. 2013. *Brain.* 136(Pt 1):147-67. PMID: 23266461. ; Astrocytes regulate myelin clearance through recruitment of microglia during cuprizone-induced demyelination. ; Kooi et al. 2012. *Neurology.* 79(13):1369-76. PMID: 22972651. ; Heterogeneity of cortical lesions in multiple sclerosis: clinical and pathologic implications. ; van Horssen et al. 2012. *J Neuroinflammation.* 9:156. PMID: 22747960. ; Clusters of activated microglia in normal-appearing white matter show signs of innate immune activation. ; Seewann et al. 2012. *Neurology.* 78(5):302-8. PMID: 22218278. ; Postmortem verification of MS cortical lesion detection with 3D DIR. ; Bagnato et al. 2011. *Brain.* 134(Pt 12):3602-15. PMID: 22171355. ; Tracking iron in multiple sclerosis: a combined imaging and histopathological study at 7 Tesla. ; Kooi et al. 2011. *Acta Neuropathol.* 122(3):313-22. PMID: 21691765. ; Haider et al. 2011. *Brain.* 134(Pt 7):1914-24. PMID: 21653539. ; Cholinergic imbalance in the multiple sclerosis hippocampus. ; Oxidative damage in multiple sclerosis lesions. ; Kooij et al. 2011. *Brain.* 134(Pt 2):555-70. PMID: 21183485. ; Adenosine triphosphate-binding cassette transporters mediate chemokine (C-C motif) ligand 2 secretion from reactive astrocytes: relevance to multiple sclerosis pathogenesis. ; Bramow et al. 2010. *Brain.* 133(10):2983-98. PMID: 20855416. ; Demyelination versus remyelination in progressive multiple sclerosis. ; Couplier et al. 2010. *J Neurosci.* 30(17):5958-67. PMID: 20427655. ; CNS/PNS boundary transgression by central glia in the absence of Schwann cells or Krox20/Egr2 function. ; Geurts et al. 2007. *J Neuropathol Exp Neurol.* 66(9):819-27. PMID: 17805012. ; Extensive hippocampal demyelination in multiple sclerosis. ; Roemer et al. 2007. *Brain.* 130(Pt 5):1194-205. PMID: 17282996. ; Pattern-specific loss of aquaporin-4 immunoreactivity distinguishes neuromyelitis optica from multiple sclerosis. ; Gilmore et al. 2006. *Brain Pathol.* 16(3):202-8. PMID: 16911477. ; Spinal cord gray matter demyelination in multiple sclerosis-a novel pattern of residual plaque morphology. ; Jatana et al. 2006. *Pediatr Res.* 59(5):684-9. PMID: 16627882. ; Combination of systemic hypothermia and N-acetylcysteine attenuates hypoxic-ischemic brain injury in neonatal rats. ; Expression of recombinant forms of human 21.5 kDa myelin basic protein and proteolipid protein in CHO cells. ; Jaskiewicz et al. 2005. *Acta Biochim Pol.* 52(4):863-6. PMID: 16302025. ; Massa et al. 2002. *J Virol.* 76(16):8335-46. PMID: 12134038. ; Critical role for protein tyrosine phosphatase SHP-1 in controlling infection of central nervous system glia and demyelination by Theiler's murine encephalomyelitis virus. ; Van der Goes et al. 1999. *J Neuroimmunol.* 101(1):61-7. PMID: 10580814. ; The role of anti-myelin (auto)-antibodies in the phagocytosis of myelin by macrophages. ; Cheng et al.

1998. J Neurosci. 18(15):5673-81. PMID: 9671658. ; Biochemical and morphometric analyses show that myelination in the insulin-like growth factor 1 null brain is proportionate to its neuronal composition.

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