Anti-Myelin Basic Protein (region 129-138) [MBP1]

Catalogue number: 153640
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: BioServ UK Ltd
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Myelin Basic Protein (region 129-138) [MBP1]

Alternate name: Myelin basic protein, MBP, 2 kDa microtubule-stabilizing protein, Myelin A1 protein

Class: Monoclonal
Conjugate: Unconjugated
Description: Myelin Basic Protein (MBP) is involved in the process of myelination of nerves. MBP Clone 1 recognizes an epitope in the 129-138 region of MBP, useful in clinical diagnosis to detect MBP levels.
Purpose: Marker
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human ; Rat
Selectivity:
Host: Mouse
Immunogen: Reacts with MBP from human, bovine and rat, recognizing epitope 129-138
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:

Brain tissue
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Myelin Basic Protein (region 129-138)

Target alternate names:

Target background: Myelin Basic Protein (MBP) is involved in the process of myelination of nerves. MBP Clone 1 recognizes an epitope in the 129-138 region of MBP, useful in clinical diagnosis to detect MBP levels.

Molecular weight: 13-21 kDa

Ic50:

Applications

Application: ELISA ; IHC ; 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: Subjects harboring presenilin familial Alzheimer's disease mutations exhibit diverse white matter biochemistry alterations. ; Kokjohn et al. 2013. J Neurotrauma. 30(11):981-97. PMID: 23268705. ; Neurochemical profile of dementia pugilistica. ; Wong et al. 2013. J Neurosci. 33(11):4947-57. PMID: 23486965. ; Oligodendroglial expression of TrkB independently regulates myelination and progenitor cell proliferation. ; Roher et al. 2013. Am J Neurodegener Dis. 2(3):187-207. PMID: 24093083. ; Purkinje cell maturation participates in the control of oligodendrocyte differentiation: role of sonic hedgehog and vitronectin. ; Tatalovic et al. 2012. Neurosci Lett. 520(1):38-42. PMID: 22617008. ; Expression of the P/Q (Cav2.1) calcium channel in nodose sensory neurons and arterial baroreceptors. ; Bouslama-Oueghlani et al. 2012. PLoS One. 7(11):e49015. PMID: 23155445. ; Solbrig et al. 2010. Exp Neurol. 226(1):231-41. PMID: 20832403. ; Herrera et al. 2010. J Neurotrauma. 27(11):2067-76. PMID: 20799882. ; Sustained expression of vascular endothelial growth factor and angiopoietin-1 improves blood-spinal cord barrier integrity and Fn recovery after spinal cord injury. ; A synthetic cannabinoid agonist promotes oligodendrogliogenesis during viral encephalitis in rats. ; Schelshorn et al. 2009. J Cereb Blood Flow Metab. 29(3):585-95. PMID: 19116637. ; Expression of hemoglobin in rodent neurons. ; Matsuo et al. 1997. Am J Pathol. 150(4):1253-66. PMID: 9094982. ; Unmasking of an unusual myelin basic protein epitope during the process of myelin degeneration in humans: a potential mechanism for the generation of autoantigens. ; Hruby et al. 1987. Mol Immunol. 24(12):1359-64. PMID: 2448611. ; Monoclonal antibodies reactive with myelin basic protein. ; Groome et al. 1986. J Neuroimmunol. 12(4):253-64. PMID: 2428830. ; Region-specific immunoassays for human myelin basic protein. ; Groome et al. 1985. Neurochem Int. 7(2):309-17. PMID: 20492929. ; Preparation and properties of monoclonal antibodies to myelin basic protein and its peptides.