

Datasheet: MCA409S BATCH NUMBER 165075

Description:	RAT ANTI MBP (aa82-87)
Specificity:	MBP (aa82-87)
Other names:	MYELIN BASIC PROTEIN
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	12
Isotype:	lgG2a
Quantity:	2 ml

Product Details

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit <u>www.bio-rad-antibodies.com/protocols</u>.

		Yes	No	Not Determined	Suggested Dilutior
	Flow Cytometry				
	Immunohistology - Frozen				
	Immunohistology - Paraffin				
	ELISA	-			
	Immunoprecipitation			•	
	Western Blotting	•			
	Immunofluorescence	•			
	Radioimmunoassays	•			
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Product Form	Tissue Culture Supernatant - liquid
Buffer Solution	0.1M TRIS
Preservative Stabilisers	0.1% Sodium Azide
Immunogen	Bovine MBP.
External Database Links	UniProt: <u>P02687</u> <u>Related reagents</u>
	Entrez Gene: <u>618684</u> MBP <u>Related reagents</u>
RRID	AB_325004
Fusion Partners	Spleen cells from an immunised outbred rat were fused with cells of the mouse NS0 myeloma cell line.
Specificity	Rat anti MBP antibody, clone 12 recognizes myelin basic protein from a wide range of species. Rat anti MBP antibody, clone 12 reacts weakly with peptides ending in the Phe 91 where the 91-92 Phe-Phe bond is broken. Synthetic peptide 82-99 reacts very well with Rat anti MBP antibody, clone 12, as does intact MBP. Further epitope analysis indicates binding to a region defined by amino acids 82-87 (DENPVV). Rat anti MBP antibody, clone 12 has been reported as being suitable for use in western blotting (Glynn <i>et al.</i> 1987).
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	system myelination in development. Acta Neuropathol Commun. 11 (1): 49.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at
-	-20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for
	short term use (up to 4 weeks) and store the remaining aliquots at -20°C.
	Avoid repeated freezing and thawing as this may denature the antibody. Storage in
	frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety	Metarial Sofaty Datashaat documentation #10454 available at
Information	Material Safety Datasheet documentation #10451 available at:
	https://www.bio-rad-antibodies.com/SDS/MCA409S

Regulato	ry For res	earch purpose			
Relate	d Products				
Recomm	nended Secondary	/ Antibodies			
Rabbit A	nti Rat IgG (STAR16.)	DyLight®800		
Rabbit A	nti Rat IgG (STAR17.)	<u>FITC</u>		
Goat Ant	i Rat IgG (STAR72))	HRP		
Goat Ant	i Rat IgG (STAR69))	<u>FITC</u>		
Goat Ant	i Rat IgG (STAR73))	<u>RPE</u>		
Rabbit A	nti Rat IgG (STAR21.)	HRP		
Goat Ant	i Rat IgG (MOUSE Al	DSORBED) (S	TAR71) <u>DyLight®550</u> ,	DyLight®650), <u>DyLight®800</u>
Goat Ant	i Rat IgG (STAR131	.)	Alk. Phos., Bio	otin	
orth & South merica	Tel: +1 800 265 7376 Fax: +1 919 878 3751	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50
	Email: antibody_sales_us@b	oio-rad.com	Email: antibody_sales_uk@bio	-rad.com	Email: antibody_sales_de@bio-rad.con
To find a b	atch/lot specific datash	eet for this produ	uct, please use our online	search tool at:	bio-rad-antibodies.com/datashee

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