Datasheet: MCA685S

Description: MOUSE ANTI HUMAN MBP (aa67-74)
Specificity: MBP (aa67-74)
Other names: MYELIN BASIC PROTEIN
Format: S/N
Product Type: Monoclonal Antibody
Clone: 26
Isotype: IgG1
Quantity: 2 ml

Product Details

Applications

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species: Human

Product Form: Tissue Culture Supernatant - liquid

Preparation: Tissue Culture Supernatant containing 0.1M Tris/HCl and foetal calf serum.

Preservative Stabilisers: 0.09% Sodium Azide

Immunogen: Human myelin basic protein.

External Database Links

UniProt: P02686  Related reagents
Fusion Partners
Spleen cells from immunized mice were fused with cells of the mouse SP2/0 myeloma cell line.

Specificity

Mouse anti MBP antibody, clone 26 recognizes an epitope between amino acids 67 and 74 of human myelin basic protein, also known as MBP, Myelin A1 protein or Myelin membrane encephalitogenic protein. MBP is a 304 amino acid ~33 kDa abundant component of the myelin membrane. There are 6 potential isoforms of MBP generated by alternative splicing, 4 of which lack the N-terminal region containing the immunogen sequence. Mouse anti MBP antibody, clone 26 is expected to recognize isoforms 1 and 2 (UniProt: P02686). The N-terminal region of MBP is highly conserved and Mouse anti MBP antibody, clone 26 is expected to be broadly species cross reactive for isoforms maintaining the N-terminal region.

References

Storage
Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
12 months from date of despatch

Health And Safety Information
Material Safety Datasheet documentation #10053 available at:

Regulatory
For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) HRP
Rabbit Anti Mouse IgG (STAR12...), RPE
Rabbit Anti Mouse IgG (STAR8...), DyLight®800
Rabbit Anti Mouse IgG (STAR13...), HRP
Goat Anti Mouse IgG (STAR76...), RPE
Goat Anti Mouse IgG (STAR70...), FITC
Goat Anti Mouse IgG (Fc) (STAR120...), FITC, HRP
Rabbit Anti Mouse IgG (STAR9...), FITC
Goat Anti Mouse IgG (H/L) (STAR117...), Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

**Recommended Negative Controls**

**MOUSE IgG1 NEGATIVE CONTROL (MCA928)**

North & South America  Tel: +1 800 265 7376  Fax: +1 919 878 3751  Email: antibody_sales_us@bio-rad.com
Worldwide  Tel: +44 (0)1865 852 700  Fax: +44 (0)1865 852 739  Email: antibody_sales_uk@bio-rad.com
Europe  Tel: +49 (0) 89 8090 95 21  Fax: +49 (0) 89 8090 95 50  Email: antibody_sales_de@bio-rad.com

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