Datasheet: MCA52GA

Description: MOUSE ANTI RAT CD5
Specificity: CD5
Format: Purified
Product Type: Monoclonal Antibody
Clone: OX-19
Isotype: IgG1
Quantity: 0.1 mg

RRID: AB_566834

Applications

<table>
<thead>
<tr>
<th>Suggested Dilution</th>
<th>Flow Cytometry</th>
<th>Immunohistology - Frozen</th>
<th>Immunohistology - Paraffin (1)</th>
<th>ELISA</th>
<th>Immunoprecipitation</th>
<th>Western Blotting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their particular system using appropriate negative/positive controls.

(1) The use of PLP fixation is recommended for optimal results.

Target Species: Rat

Product Form: Purified IgG - liquid

Preparation: Purified IgG prepared by affinity chromatography on Protein A

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide

Carrier Free: Yes

Approx. Protein Concentrations: IgG concentration 1.0mg/ml
Immunogen  
Rat thymocyte glycoproteins.

External Database Links  
**UniProt:**  P51882  Related reagents  
**Entrez Gene:**  54236  Cd5  Related reagents

Fusion Partners  
Spleen cells from an immunized BALB/c mouse were fused with cells from the NS1 mouse myeloma cell line.

Specificity  
**Mouse anti Rat CD5 antibody, clone OX-19** recognizes the rat CD5 cell surface antigen, a 69kD glycoprotein expressed by T cells, thymocytes and a subset of B cells.

Mouse anti Rat CD5 antibody, clone OX-19 has been reported as being suitable for use on periodate-lysine paraformaldehyde (PLP) fixed paraffin embedded tissue ([Whiteland et al. 1995](#)).

Mouse anti Rat CD5 antibody, clone OX-19 is routinely tested in flow cytometry on rat splenocytes.

Flow Cytometry  
Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

References  

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

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
18 months from date of despatch.

Health And Safety

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 (MCA1209)