# Datasheet: MCA2059T

**Description:** MOUSE ANTI HUMAN CD88

**Specificity:** CD88

**Other names:** C5aR

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** P12/1

**Isotype:** IgG2a

**Quantity:** 25 µg

## Applications

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>1/50 - 1/100</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Western Blotting</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. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.*

## Target Species

**Species Cross Reactivity**
Reacts with: Rhesus Monkey

**N.B.** Antibody reactivity and working conditions may vary between species.

## Product Details

**Product Form**
Purified IgG - liquid

**Preparation**
Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

**Buffer Solution**
Phosphate buffered saline

**Preservative Stabilisers**
0.09% Sodium Azide

**Carrier Free**
Yes

**Approx. Protein Concentrations**
IgG concentration 1 mg/ml
Immunogen

C5aR - peptide: Met$_1$ - Asn$_{31}$

External Database Links

Uniprot: P21730 Related reagents

Entrez Gene: 728 C5AR1 Related reagents

Synonyms

C5AR, C5R1

Fusion Partners

Spleen cells from immunised BALB/c mice were fused with cells of the mouse X63 - Ag8 myeloma cell line.

Specificity

Mouse anti Human CD88 antibody, clone P12/1 recognizes the C5a receptor (C5aR) also known as CD88 or C5a anaphylatoxin chemotactic receptor 1. CD88 is predominantly expressed on cells of the myeloid lineage.

Mouse anti Human CD88 antibody, clone P12/1 does not inhibit the binding of C5a to its receptor.

Flow Cytometry

Use 10ul of the suggested working dilution to label 5 x 10$^5$ 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.

### Shelf Life

18 months from date of despatch.

### Health And Safety Information


### 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 (H/L) (STAR117...) **Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP**
- Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**
- Rabbit Anti Mouse IgG (STAR9...) **FITC**
- Human Anti Mouse IgG2a (HCA037...) **FITC, HRP**

#### Recommended Negative Controls

- MOUSE IgG2a NEGATIVE CONTROL (MCA929)