Datasheet: MCA6060GA

Description: MOUSE ANTI HUMAN CD122
Specificity: CD122
Format: Purified
Product Type: Monoclonal Antibody
Clone: TU27
Isotype: IgG1
Quantity: 0.1 mg

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 www.bio-rad-antibodies.com/protocols.

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<tr>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>1/10 - 1/40</td>
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Flow Cytometry

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species
Human

Product Form
Purified IgG - liquid

Preparation
Purified IgG prepared by affinity chromatography

Buffer Solution
Phosphate buffered saline

Preservative Stabilisers
0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations
IgG concentration 0.5 mg/ml

Immunogen
TL-Mor cell line

External Database Links
UniProt: P14784 Related reagents
Entrez Gene: 3560 IL2RB Related reagents

Fusion Partners
Spleen cells from immunized Balb/c mice were fused with cells from the murine SP2/0-Ag14
non-secreting myeloma.

**Specificity**

Mouse anti Human CD122 recognizes CD122 also known as IL-2 receptor beta chain. CD122 is a 70-75 kDa transmembrane protein and member of the Ig superfamily. CD122 is primarily expressed by NK cells and but also by certain subsets of T cells. CD122 dimerises with either CD132 or CD25 to form IL-2 receptors. Activation of the IL-2 receptor induces signaling within MAPK, PI3K and JAK-STAT pathways.

**Flow Cytometry**

Use 10 μl of the suggested working dilution to label 1x10^6 cells in 100ul

**References**


**Storage**

Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

18 months from date of despatch

**Health And Safety Information**


**Regulatory**

For research purposes only

**Recommended 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)