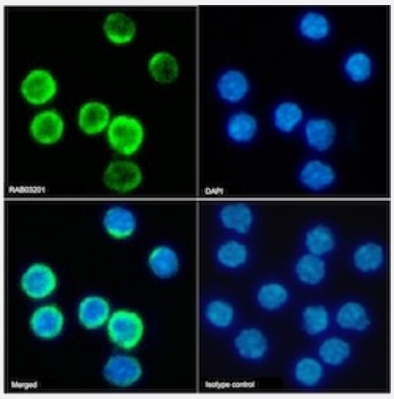
RecomAb™

# Il2ra recombinant monoclonal antibody, clone PC-61.5.3

Catalog # RAB03201 Size 200 ug

## Applications



### Immunofluorescence

Immunofluorescent staining of mouse splenocytes with Il2ra recombinant monoclonal antibody, clone PC-61.5.3 (Cat # RAB03201). Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes on Shi-fix™ coverslips stained with the chimeric r version of RAB03201 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom RAB03201- DAPI- merged channels and an isotype control. The isotype control was an unknown specificity antibody (.1) followed by staining with Alexa Fluor® 488 secondary antibody.

## Specification

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| **Product Description** | Rabbit recombinant monoclonal antibody raised against mouse Il2ra. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against the B6.1 mouse cytotoxic T cell line, followed by fusing spleen cell s with P3X63Ag8.653 myeloma cells. |
| **Reactivity** | Mouse |
| **Form** | Liquid |
| **Preparation Method** | Mammalian cell (HEK293) expression system |
| **Isotype** | IgG |

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| **Recommend Usage** | ELISA<br>Flow Cytometry<br>Functional Study<br>Immunofluorescence<br>Western Blot<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS with 0.02% Proclin 300 |
| **Storage Instruction** | Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Functional Study
- Immunofluorescence

  Immunofluorescent staining of mouse splenocytes with Il2ra recombinant monoclonal antibody, clone PC-61.5.3 (Cat # RAB03201).
  Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes on Shi-fix™ coverslips stained with the chimeric r version of RAB03201 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom RAB03201- DAPI- merged channels and an isotype control. The isotype control was an unknown specificity antibody (.1) followed by staining with Alexa Fluor® 488 secondary antibody.
- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay
- Western Blot

## Gene Info — Il2ra

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|---|---|
| **Entrez GeneID** | 16184 |
| **Gene Name** | Il2ra |
| **Gene Alias** | CD25, Il2r, Ly-43, MGC130561 |
| **Gene Description** | interleukin 2 receptor, alpha chain |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | O |

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| **Other Designations** | IL-2R alpha chain\|OTTMUSP00000012002\|p55 chain |

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