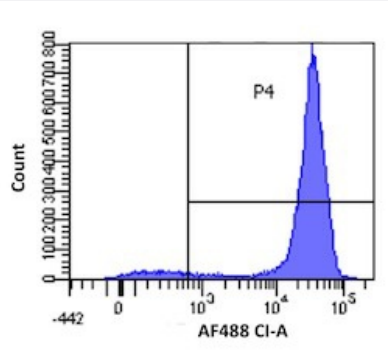
RecomAb™

# CD52 recombinant monoclonal antibody, clone YTH 34.5-G2b (Campath-1G)

Catalog # RAB03302 Size 200 ug

## Applications




### Flow Cytometry

Flow cytometric analysisi of human lymphocytes with CD52 recombinant monoclonal antibody, clone YTH 34.5-G2b (Campath-1G) (Cat # RAB03302). Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03302 ( panel B) at a concentration of 0.25 ug/ml for 30 mins at RT. After washing- bound antibody was detected using a AF488 conjugated donkey anti-ribody ( and cells analysed on a FACSCanto flow-cytometer.

## Specification

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| **Product Description** | Rabbit recombinant monoclonal antibody raised against human CD52. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against human peripheral mononuclear cells enriched for T-cells. |
| **Reactivity** | Crab-eating macaque, Human, Macaque |
| **Form** | Liquid |
| **Preparation Method** | Mammalian cell (HEK293) expression system |
| **Isotype** | IgG kappa |

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| **Recommend Usage** | Cytotoxicity Assay<br>ELISA<br>Flow Cytometry<br>Immunofluorescence<br>in vivo<br>Western Blot<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (0.02% Proclin 300) |
| **Storage Instruction** | Store at 4°C for 3 months. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Immunohistochemistry
- Flow Cytometry

  Flow cytometric analysisi of human lymphocytes with CD52 recombinant monoclonal antibody, clone YTH 34.5-G2b (Campath-1G) (Cat # RAB03302).
  Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03302 ( panel B) at a concentration of 0.25 ug/ml for 30 mins at RT. After washing- bound antibody was detected using a AF488 conjugated donkey anti-ribody ( and cells analysed on a FACSCanto flow-cytometer.
- Enzyme-linked Immunoabsorbent Assay
- Western Blot
- Complement-Dependent Cytotoxicity Assays
- *In vivo* Imaging

## Gene Info — CD52

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|---|---|
| **Entrez GeneID** | 1043 |
| **Gene Name** | CD52 |
| **Gene Alias** | CDW52 |
| **Gene Description** | CD52 molecule |
| **Omim ID** | 114280 |

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|---|---|
| **Gene Ontology** | Hyperlink |
| **Other Designations** | CD52 antigen\|CD52 antigen (CAMPATH-1 antigen)\|CDW52 antigen (CAMPATH-1 antigen)\|OTTHUMP00000003570 |

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