

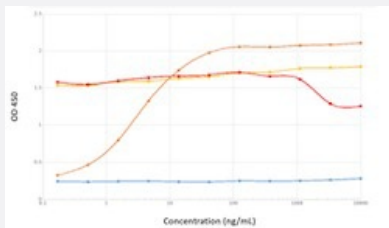
RecomAb™

Cd27 recombinant monoclonal antibody, clone RM27-3E5

Catalog # RAB03205 Size 200 ug

Applications

Enzyme-linked Immunoabsorbent Assay



ELISA of anti-CD27 antibody on CD27-Fc fusion protein- with a CD70 (CD27-L) competition assay. Binding curves of the r chimeric version of the anti-CD27 (Interleukin-2 receptor subunit alpha) Cd27 recombinant monoclonal antibody, clone RM27-3E5 (Cat #RAB03205) (red line) and isotype control (anti-Fluorescein antibody 3.0 4-4-20 (enhanced); blue line) to an ELISA plate coated with CD27-Fc fusion protein at a concentration of 5 ug/ml. A 3-fold serial dilution from 10 mg/mL to 0.17 ng/ml of 24-558 was used. CD70 (CD27-L) is the ligand for CD27. CD70 Fc-fusion protein was added to a 10mg/mL solution of RAB03205 starting at 10mg/mL- and then at 3-fold dilutions down to 0.17ng/mL (red line). A negative control assay using 4-1BB Fc-fusion protein was also performed (yellow line). Inhibition of the binding of RAB03205 to CD27 by CD70 may be observed between 10-000 ng/mL and 123 ng/mL of Pr00161-23.0- whereas Pr00233-1.9 (4-1BB) does not inhibit RAB03205 binding. For signal detection- a 1:4000 dilution of HRP-Inti-human IgG antibody was used.

Specification

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|---------------------|--|
| Product Description | Rabbit recombinant monoclonal antibody raised against mouse Cd27. |
| Antibody Species | Rabbit |
| Immunogen | Original antibody is raised against mouse CD27-human IgG1 Fc fusion protein. |
| Reactivity | Mouse |
| Form | Liquid |
| Isotype | IgG |

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|----------------------------|--|
| Recommend Usage | ELISA Flow Cytometry Immunoprecipitation Neutralization 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. Aliquot to avoid repeated freezing and thawing. |

Applications

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

ELISA of anti-CD27 antibody on CD27-Fc fusion protein- with a CD70 (CD27-L) competition assay. Binding curves of the r chimeric version of the anti-CD27 (Interleukin-2 receptor subunit alpha) Cd27 recombinant monoclonal antibody, clone RM27-3E5 (Cat #RAB03205) (red line) and isotype control (anti-Fluorescein antibody 3.0 4-4-20 (enhanced); blue line) to an ELISA plate coated with CD27-Fc fusion protein at a concentration of 5 ug/ml. A 3-fold serial dilution from 10 mg/mL to 0.17 ng/ml of 24-558 was used. CD70 (CD27-L) is the ligand for CD27. CD70 Fc-fusion protein was added to a 10mg/mL solution of RAB03205 starting at 10mg/mL- and then at 3-fold dilutions down to 0.17ng/mL (red line). A negative control assay using 4-1BB Fc-fusion protein was also performed (yellow line). Inhibition of the binding of RAB03205 to CD27 by CD70 may be observed between 10-000 ng/mL and 123 ng/mL of Pr00161-23.0- whereas Pr00233-1.9 (4-1BB) does not inhibit RAB03205 binding. For signal detection- a 1:4000 dilution of HRP-Inti-human IgG antibody was used.

- Flow Cytometry

- Neutralization

Gene Info — Cd27

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|-------------------------|---------------------------|
| Entrez GeneID | 21940 |
| Gene Name | Cd27 |
| Gene Alias | S152, Tnfrsf7, Tp55 |
| Gene Description | CD27 antigen |
| Gene Ontology | Hyperlink |
| Gene Summary | member 7 |

Other Designations

CD antigen 27|OTTMUSP00000029268|OTTMUSP00000029269|tumor necrosis factor receptor superfamily, member 7
