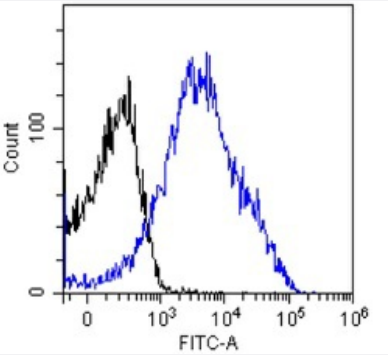
RecomAb™

Cd8a recombinant monoclonal antibody, clone YTS 169.4

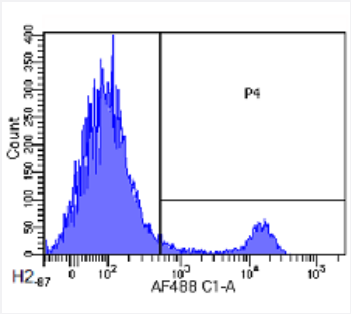
Catalog # RAB03352 Size 200 ug

Applications



Flow Cytometry

Flow cytometric analysis of Mouse thymocytes with Cd8a recombinant monoclonal antibody, clone YTS 169.4 (Cat # RAB03352).
Mouse thymocytes were stained with unimmunized r antibody (isotype control-black line) or the r version of RAB03352 (blue line) at a concentration of 10 ug/mL for 30 mins at RT. After washing the bound antibody was detected using an anti-r JK (FITC-conjugate) antibody (129936) at 2 ug/mL and cells analyzed using a FACSCanto flow-cytometer.



Flow Cytometry

Flow cytometric analysis of mouse lymphocytes with Cd8a recombinant monoclonal antibody, clone YTS 169.4 (Cat # RAB03352).
Mouse lymphocytes were stained with an isotype control (panel A) or the r version of RAB03352 (panel B) at a concentration of 1 ug/mL for 30 mins at RT. After washing the bound antibody was detected using a AF488 conjugated donkey anti-ribody and cells analyzed using a FACSCanto flow-cytometer.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against mouse Cd8a.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against murine CD8 (lyt-2).
Reactivity	Mouse
Form	Liquid

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Conjugation	Unconjugated
Preparation Method	Mammalian cell (HEK293) expression system
Concentration	batch dependent
Isotype	IgG, kappa
Recommend Usage	Depletion Flow Cytometry Immunohistochemistry Immunohistochemistry (Frozen sections) *In vivo* Imaging 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

- Immunohistochemistry (Frozen sections)
- Immunohistochemistry
- Flow Cytometry

  Flow cytometric analysis of Mouse thymocytes with Cd8a recombinant monoclonal antibody, clone YTS 169.4 (Cat # RAB03352).
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- Flow Cytometry

  Flow cytometric analysis of mouse lymphocytes with Cd8a recombinant monoclonal antibody, clone YTS 169.4 (Cat # RAB03352).
  Mouse lymphocytes were stained with an isotype control (panel A) or the r version of RAB03352 (panel B) at a concentration of 1 ug/mL for 30 mins at RT. After washing the bound antibody was detected using a AF488 conjugated donkey anti-ribody and cells analyzed using a FACSCanto flow-cytometer.

- *In vivo* Imaging

Gene Info — Cd8a

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Entrez GeneID	12525
Gene Name	Cd8a
Gene Alias	BB154331, Ly-2, Ly-35, Ly-B, Lyt-2
Gene Description	CD8 antigen, alpha chain
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Lyt-2.1 lymphocyte differentiation antigen (AA at 100)

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