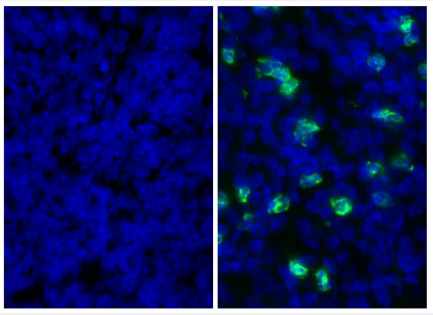
Ly6g monoclonal antibody, clone RB6-8C5

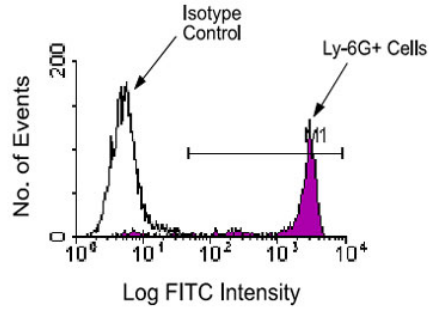
Catalog # MAB5613 Size 500 ug

Applications



Immunofluorescence

Frozen mouse spleen tissue was stained with MAB5613 by dilution of 2 ug/mL.



Flow Cytometry

BALB/c bone marrow cells were stained with either rat IgG2b-FITC (as an isotype control) or Ly6g monoclonal antibody-FITC. Large cells were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against native Ly6g.
Immunogen	Native purified Ly6g from normal murine bone marrow cells.
Host	Rat
Reactivity	Mouse
Specificity	Mouse Ly-6G, Mr 21-25 KDa.
Form	Liquid
Isotype	IgG2b

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Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Frozen sections)
- Immunofluorescence

  Frozen mouse spleen tissue was stained with MAB5613 by dilution of 2 ug/mL.
- Flow Cytometry

  BALB/c bone marrow cells were stained with either rat IgG2b-FITC (as an isotype control) or Ly6g monoclonal antibody-FITC. Large cells were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).
- Immunoprecipitation
- Western Blot

Gene Info — Ly6g

Entrez GeneID	546644
Gene Name	Ly6g
Gene Alias	Gr-1, Gr1, Ly-6G
Gene Description	lymphocyte antigen 6 complex, locus G
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Publication Reference

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- N-Acetylcysteine Attenuates Cisplatin-Induced Acute Kidney Injury by Inhibiting the C5a Receptor.

  Huang S, You J, Wang K, Li Y, Zhang Y, Wei H, Liang X, Liu Y.

  BioMed Research International 2019 Apr; 2019:4805853.

  Application: IHC-P, IF, Mouse, Mouse kidneys

- Neutrophil-mediated suppression of virus replication after herpes simplex virus type 1 infection of the murine cornea.

  Tumpey TM, Chen SH, Oakes JE, Lausch RN.

  Journal of Virology 1996 Feb; 70(2):898.

  Application: Func, IHC, Mouse, Mouse corneas, leukocytes

- Neutrophils are essential for resolution of primary and secondary infection with Listeria monocytogenes.

  Rakhmilevich AL.

  Journal of Leukocyte Biology 1995 Jun; 57(6):827.

  Application: Func, Mouse, Mouse liver

- Administration of anti-granulocyte mAb RB6-8C5 impairs the resistance of mice to Listeria monocytogenes infection.

  Czuprynski CJ, Brown JF, Maroushek N, Wagner RD, Steinberg H.

  Journal of Immunology 1994 Feb; 152(4):1836.

  Application: Func, Mouse , Mouse liver, spleen, Mouse neutrophil

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