

Product Datasheet

Ly-6G/Ly-6C Antibody (NIMP-R14) [FITC] NBP1-60139-0.05mg

Unit Size: 0.05 mg

Store at 4C in the dark.

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NBP1-60139-0.05mg

Ly-6G/Ly-6C Antibody (NIMP-R14) [FITC]

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	NIMP-R14
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Conjugate	FITC
Purity	Protein G purified
Buffer	1 ml (100 ug/ml) 0.2 um filtered FITC conjugated antibody solution in PBS and 1.0% BSA

Product Description	
Host	Rat
Gene ID	546644
Gene Symbol	Ly6g
Species	Mouse
Specificity/Sensitivity	This monoclonal antibody is highly specific for murine Ly-6G and Ly-6C.
Immunogen	Purified BALB/c mouse neutrophils

Product Application Details	
Applications	Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Functional



Publications

Nagendra S, Schlueter AJ. Absence of cross-reactivity between murine Ly-6C and Ly-6G Cytometry A 2004-04-01 [PMID: 15057973]

Details:

This citation used the FITC version of this antibody.

Van Lent PL, Blom A, Holthuysen AE et al. Monocytes/macrophages rather than PMN are involved in early cartilage degradation in cationic immune complex arthritis in mice J Leukoc Biol [PMID: 9060449]

Details:

Used the FITC form of this antibody.

Lopez AF, Strath M, Sanderson CJ. Differentiation antigens on mouse eosinophils and neutrophils identified by monoclonal antibodies Br J Haematol 1984-07-01 [PMID: 6743568]

Details:

This citation used the FITC version of this antibody.

McLaren DJ, Strath M, Smithers SR. Schistosoma mansoni: evidence that immunity in vaccinated and chronically infected CBA/Ca mice is sensitive to treatment with a monoclonal antibody that depletes cutaneous effector cells Parasite Immunol [PMID: 3124065]

Details:

Used the FITC form of this antibody.

de Vries B, Kohl J, Leclercq WK, Wolfs TG, van Bijnen AA, Heeringa P, Buurman WA. Complement factor C5a mediates renal ischemia-reperfusion injury independent from neutrophils. J Immunol;170(7):3883-9. 2003-04-01 [PMID: 12646657]

Tacchini-Cottier F, Zweifel C, Belkaid Y. An immunomodulatory function for neutrophils during the induction of a CD4+ Th2 response in BALB/c mice infected with Leishmania major J Immunol [PMID: 10946291]

Details:

Used the FITC form of this antibody.

Navarini AA, Lang KS, Verschoor A et al. Innate immune-induced depletion of bone marrow neutrophils aggravates systemic bacterial infections Proc Natl Acad Sci USA [PMID: 19351895]

Details:

Used the FITC form of this antibody.

Lubberts E, Joosten LA, van Den Bersselaar L. Adenoviral vector-mediated overexpression of IL-4 in the knee joint of mice with collagen-induced arthritis prevents cartilage destruction J Immunol [PMID: 10510398]

Details:

Used the FITC form of this antibody.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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