Neutrophils antibody [NIMP-R14]

Cat. No. GTX54389

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Applications	IHC-P, IHC-Fr, FCM, ELISA, Depletion
Reactivity	Mouse

References (2)
Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	10 µg/ml antibody / 5 x 10^5 cells
ELISA	Assay dependent
Depletion	Assay dependent

Note : Blocking with 20% normal rabbit serum. Use a mild or no antigen retrieval method.
Tissue was fixed with acetone.
Neutrophil depletion. Mice were treated with NIMP-R14 given intraperitoneally at a dose of 1mg, 6h before infection.

Not tested in other applications.

Product Note

The monoclonal antibody NIMP-R14 is highly specific for murine Ly-6G and Ly-6C. It has been successfully used to stain polymorphonuclear (PMN) cells and monocytes for fluorescent activated cell sorting and in frozen and paraffin sections. Treatment with antibodies in vivo leads to neutropenia and has inhibitory effect on local immune responses. Furthermore, it has been shown to be useful for depletion of neutrophils in mice. It depletes neutrophils as soon as 6 hours after injection and up to 6 days.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Purified BALB/c mouse neutrophils

For full product information, images and publications, please visit our website.

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Purification	Protein G purified
Endotoxin	< 24 EU/mg (Determined by LAL assay)
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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