



Neutrophils Antibody [Nimp-R14] (biotin)

CATALOG NUMBER: 36-157

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	FACS, Func, ICC, IHC
APPLICATIONS:	Flow Cytometry:(1:100). Immunohistochemistry:(1:200; frozen section / paraffin section) . Immunocytochemistry: (1:200). Functional (Blocking): 250ug / mouse (Optimal reagent to deplete neutrophils in vivo).
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	Recognizes mouse neutrophils (surface protein mouse Ly-6G).
IMMUNOGEN:	Purified mouse BALB/c neutrophils.
HOST SPECIES:	Rat

Properties

PURIFICATION:	>95% (SDS-PAGE)
PHYSICAL STATE:	Liquid
BUFFER:	Liquid. In PBS containing 0.02% sodium azide.
CONCENTRATION:	0.5 mg/ml
STORAGE CONDITIONS:	Stable for at least 1 year after receipt when stored at -20°C.
CLONALITY:	Monoclonal
ISOTYPE:	IgG2b
CONJUGATE:	Biotin

Additional Info

ACCESSION NO.:	P35461
PROTEIN GI NO.:	547876
OFFICIAL SYMBOL:	Ly6g
GENE ID:	546644

Background

BACKGROUND:	Neutrophils are key components of the inflammatory response and as such contribute to the killing of microorganisms. In addition, recent evidence suggests their involvement in the development of the immune response. The Nimp-R14 mAb displays features of an optimal reagent allowing the selective depletion of mouse neutrophils in vivo.
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