

PE Anti-Neutrophil antibody [7/4] ab105157

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Overview

Product name	PE Anti-Neutrophil antibody [7/4]
Description	PE Rat monoclonal [7/4] to Neutrophil
Host species	Rat
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	Rat anti mouse Ly-6B.2, clone 7/4 recognizes the Ly-6B.2 antigen in 129J; AKR; C57BL/6; C57BL/10; C58; DBA/2; NZB; NZW; SJL; MFI; Swiss (PO) strains. A2G; A/Sn; ASW; BALB/c; C3H/HEH: CBA.T6T6 are negative or demonstrate very weak reactivity.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse Neutrophil. Cultured mouse bone marrow cells.
Epitope	Recognizes the Ly-6B.2 antigen.
General notes	<p>ab105157 recognizes the Ly-6B.2 antigen. Ly-6B.2 is a ~25-30 kDa GPI-anchored, heavily glycosylated protein expressed on neutrophils, inflammatory monocytes and some activated macrophages. High levels of expression are seen in bone marrow, spleen, lung and lymph nodes. N-glycanase treatment of thioglycollate elicited peritoneal neutrophil lysates lowers the apparent molecular weight of Ly-6B.2 to ~15 kDa.</p> <p>ab105157 has been successfully used for the immunomagnetic depletion of neutrophils during the enrichment of primitive hematopoietic cells from bone marrow and the depletion of myeloid cells <i>in vivo</i>.</p>

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Properties

Form	Liquid
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Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein G purified
Purification notes	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Clonality	Monoclonal
Clone number	7/4
Myeloma	Y3/Ag1.2.3
Isotype	IgG2a

Applications

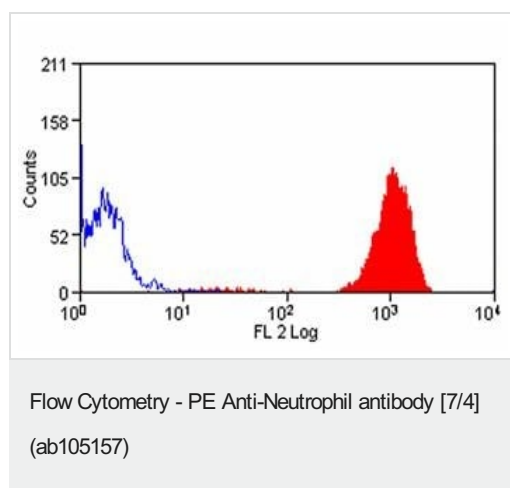
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab105157 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 10µl for 10 ⁶ cells. ab134674 - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Cellular localization Cell membrane; Lipid-anchor, GPI-anchor

Images



Mouse (strain C57BL6) peripheral granulocytes stained with ab105157.

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