

Product datasheet

Anti-Granulocytes antibody [SPM250] ab75701

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Granulocytes antibody [SPM250]
Description	Mouse monoclonal [SPM250] to Granulocytes
Host species	Mouse
Specificity	ab75701 reacts with early precursor and mature forms of human myeloid cells. We have data to indicate that this antibody may not cross react with Rat. However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human Granulocytes. Nuclei from pokeweed mitogen stimulated peripheral blood lymphocytes.
Positive control	Human tonsil or lymph node tissue
General notes	<p>ab75701 can be useful for the detection of myeloid leukemias and granulocytic sarcomas and also can be used as a marker of granulocytes in normal tissues or inflammatory processes.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: BSA, 0.0268% PBS
Purity	Protein G purified

Primary antibody notes	ab75701 can be useful for the detection of myeloid leukemias and granulocytic sarcomas and also can be used as a marker of granulocytes in normal tissues or inflammatory processes.
Clonality	Monoclonal
Clone number	SPM250
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab75701 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

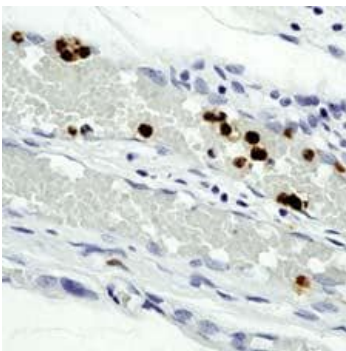
Application	Abreviews	Notes
IHC-P		1/50.

Target

Relevance

Granulocytes are a type of white blood cell filled with microscopic granules that are little sacs containing enzymes, compounds that digest microorganisms. They are part of the innate immune system and have somewhat nonspecific, broad-based activity. They do not respond exclusively to specific antigens, as do B-cells and T-cells. Neutrophils, eosinophils and basophils are all types of granulocytes. They are named by the staining features of their granules in the laboratory: Neutrophils have "neutral" subtle granules; Eosinophils have prominent granules that stain readily with the acid dye eosin; and Basophils have prominent granules that stain readily basic (non acidic) dyes.

Images



ab75701, at a 1/50 dilution, staining Granulocytes in human tonsil tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Granulocytes antibody [SPM250] (ab75701)

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