

Datasheet for ABIN7074524

anti-Ly6g antibody

7 Images

10 Publications

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Overview

Quantity:	100 µL
Target:	Ly6g
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ly6g antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse Ly6g
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	Ly6g
Alternative Name:	Ly6g (Ly6g Products)
Background:	<p>Ly6G is a GPI-anchored protein, that is also known as the myeloid differentiation antigen Gr1. The antigen is transiently expressed on monocytes in the bone marrow. The level of antigen expression in the bone marrow directly correlates with granulocyte differentiation and maturation. Ly6G is expressed predominantly on neutrophils, also in a subset of eosinophils, differentiating pre-monocytes, and plasmacytoid dendritic cells.</p>

Target Details

Gene ID: 546644

NCBI Accession: [NP_001297367](#)

UniProt: [P35461](#)

Application Details

Application Notes: IHC/IF (M,R) 1:300-1:1000/1:200-1:600

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Publications

Product cited in: Wang, Zhang, Shao, Zhuang, Sui, Liu, Chen, Hou, Kong, Liu, Zheng, Liu, Chen, Zhang, Jia, Gao: "TRIM31 facilitates K27-linked polyubiquitination of SYK to regulate antifungal immunity." in: **Signal transduction and targeted therapy**, Vol. 6, Issue 1, pp. 298, (2022) ([PubMed](#)).

Hu, Peng, Jiang, Li, Su, Zhang, Li, Song, Cheng, Xia, Wu: "Metformin as a senostatic drug enhances the anticancer efficacy of CDK4/6 inhibitor in head and neck squamous cell carcinoma." in: **Cell death & disease**, Vol. 11, Issue 10, pp. 925, (2021) ([PubMed](#)).

Liu, Lan, Mo, Yang, Wei, Wei: "Antitumor and Radiosensitization Effects of a CXCR2 Inhibitor in Nasopharyngeal Carcinoma." in: **Frontiers in cell and developmental biology**, Vol. 9, pp. 689613, (2021) ([PubMed](#)).

Zhang, Guo, Zhou, Wang, Liu, Wu, Ding: "OX40 agonist combined with irreversible electroporation synergistically eradicates established tumors and drives systemic antitumor immune response in a syngeneic pancreatic cancer model." in: **American journal of cancer**

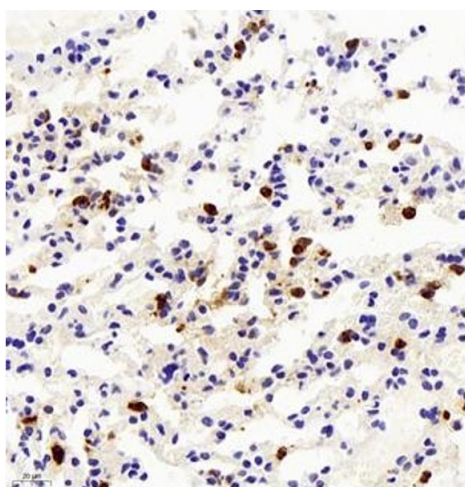
research, Vol. 11, Issue 6, pp. 2782-2801, (2021) ([PubMed](#)).

Yang, Song, Wang, Liu, Wu, Duan, Zhang, Bi, Geng, Chen, Zhu: "Daphnetin ameliorates acute lung injury in mice with severe acute pancreatitis by inhibiting the JAK2-STAT3 pathway." in:

Scientific reports, Vol. 11, Issue 1, pp. 11491, (2021) ([PubMed](#)).

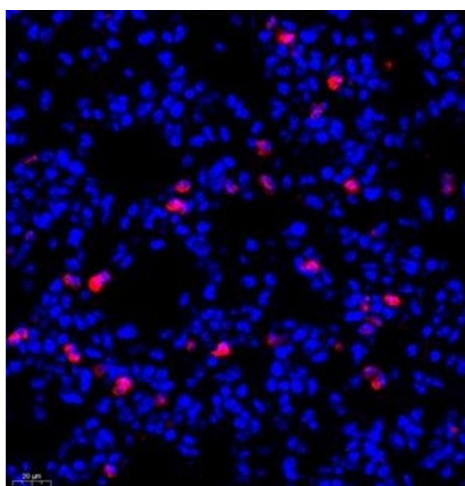
There are more publications referencing this product on: [Product page](#)

Images



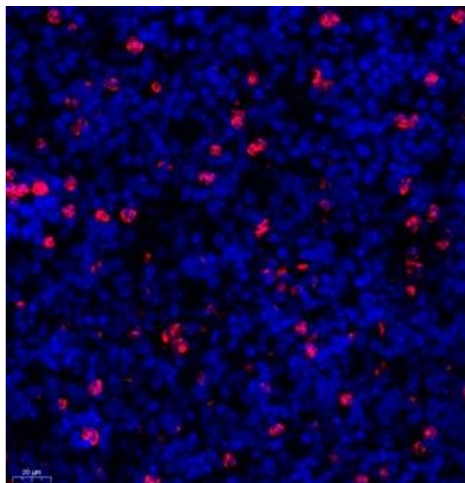
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin embedded mouse lung+LPS using LY6G (ABIN7074524) at dilution of 1:500 (400x lens)



Immunofluorescence (Paraffin-embedded Sections)

Image 2. Immunofluorescence of paraffin embedded mouse lung+LPS using LY6G (ABIN7074524) at dilution of 1:400 (400x lens)



Immunofluorescence (Paraffin-embedded Sections)

Image 3. Immunofluorescence of paraffin embedded mouse spleen using ly6g (ABIN7074524) at dilution of 1:600 (400x lens)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7074524.