Datasheet for ABIN742305

anti-Ly6g antibody

2 Images

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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:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Ly-6G/Gr-1
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by Protein A.

Target Details

Target:	Ly6g
Alternative Name:	Ly-6g (Ly6g Products)
Background:	Synonyms: Gr1, Ly6G, lymphocyte antigen 6 complex locus G, Lymphocyte antigen 6G. Background: 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

Target Details

	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.
Gene ID:	70274

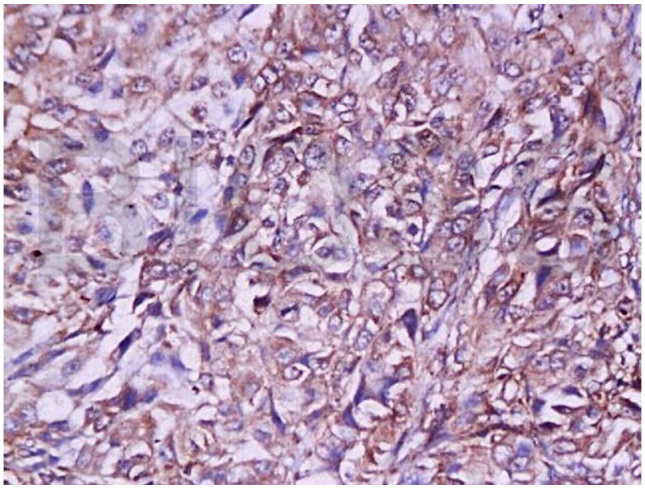
Application Details

Application Notes:	WB(1:100-1000), IHC-P(1:100-500), IF(IHC-P)(1:50-200)
Restrictions:	For Research Use only

Handling

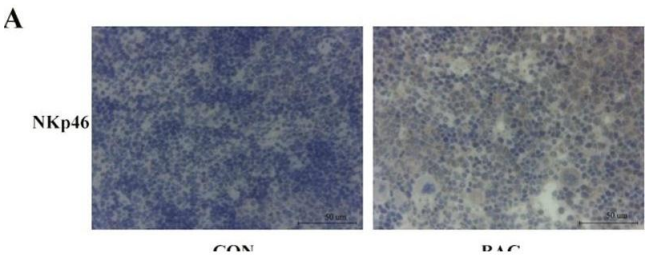
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat lymphoma tissue labeled with Anti-Ly-6G/Gr-1 Polyclonal Antibody, Unconjugated (ABIN742305) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. P. mirabilis treatment regulated the immune system in vivo.Results of IHC indicated that the expression of NKp46 (A) and CD11c (B) in spleen sections was significantly increased after 24 hours bacteria treatment ($p < 0.05$). There were no differences of the expression of CD11b (C) and Ly-6G (D) between the control groups and the groups after 24 hours bacteria administration. (E) Quantitative analysis of immunohistochemistry staining for the expression of NKp46, CD11c, CD11b, and Ly-6G in the mice spleen tissues, respectively. - figure provided by CiteAb. Source: PMID29206859

