Ly-6G Rabbit mAb

Catalog NO.: A22270 Recombinant 9 Publications

Basic Information

Observed MW
20-40 kDa

Calculated MW
14 kDa

Category
Monoclonal Antibodies

Applications
WB, IF-F, IF-P, IHC-P, ELISA

Cross-Reactivity
Mouse

Conjugation
Unconjugated

Clone number
ARC55430

Background

Located in external side of plasma membrane.

Recommended Dilutions

WB	1:5500 - 1:22000
IF-F	1:200 - 1:800
IF-P	1:400 - 1:1600
IHC-P	1:2000 - 1:8000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
546644

Swiss Prot
P35461

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Gr1; Gr-1; Ly-6G

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

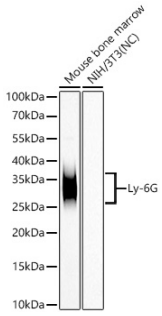
Source
Rabbit

Isotype
IgG

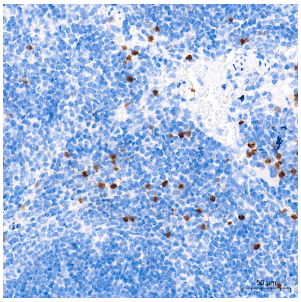
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

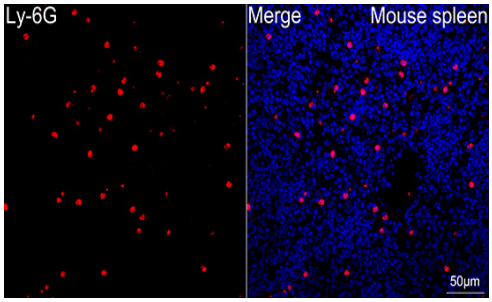
Validation Data



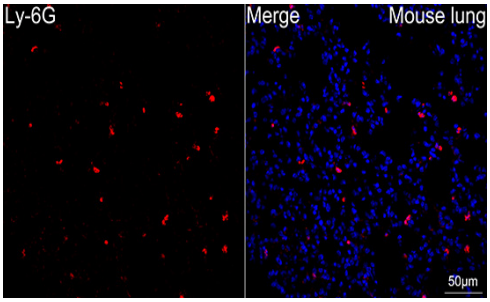
Western blot analysis of various lysates using Ly-6G Rabbit mAb (A22270) at 1:11000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): NIH/3T3
Exposure time: 45s.



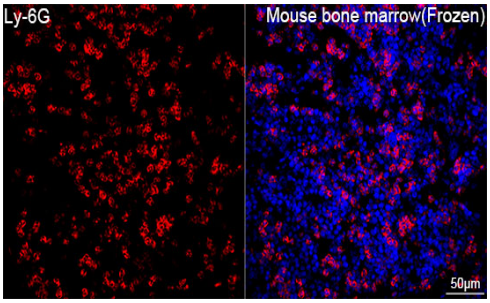
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Ly-6G Rabbit mAb (A22270) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

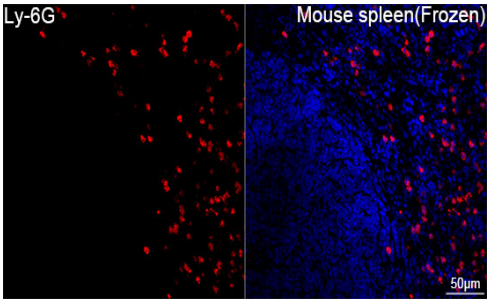


Confocal imaging of paraffin-embedded Mouse spleen tissue using Ly-6G Rabbit mAb (A22270, dilution 1:800) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Mouse lung tissue using Ly-6G Rabbit mAb (A22270, dilution 1:800) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.





Confocal imaging of frozen sections of Mouse bone marrow tissue using Ly-6G Rabbit mAb (A22270, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

Confocal imaging of frozen sections of Mouse spleen tissue using Ly-6G Rabbit mAb (A22270, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

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