

Product Datasheet

Ly-6A/E Antibody (D7) NB100-77513

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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NB100-77513

Ly-6A/E Antibody (D7)

Product Information

Unit Size	0.5 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	D7
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description

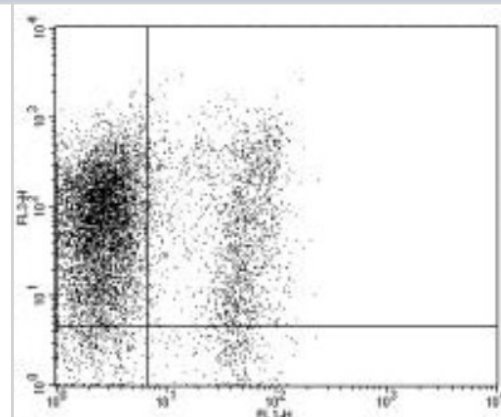
Host	Rat
Gene ID	110454
Gene Symbol	LY6A
Species	Mouse
Reactivity Notes	Mouse.
Specificity/Sensitivity	Ly-6A/E (D7)
Immunogen	IL-2-dependent mouse T-cell line (CTL-L)

Product Application Details

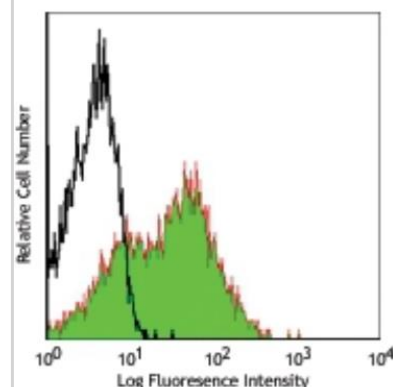
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is: 0.25 microgram per one million cells in 100 microliter volume. Immunohistochemistry-frozen sections. It is recommended that the reagent be titrated for optimal performance for each application.

Images

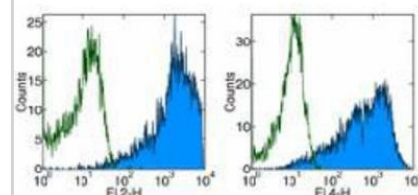
Flow Cytometry: Ly-6A/E Antibody (D7) [NB100-77513] - Analysis using the PE/Cy5 conjugate of NB100-77513. Staining of C57Bl/6 splenocytes with Anti-Mouse CD3e FITC and 0.03 ug of Anti-Mouse Ly-6A/E (Sca-1) PE-Cy5. Total viable cells were used for analysis. Quadrants were set based on the autofluorescence sample.



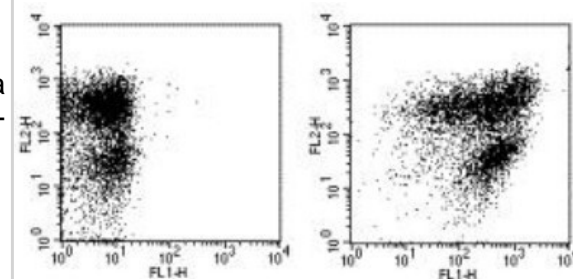
Flow Cytometry: Ly-6A/E Antibody (D7) [NB100-77513] - C57BL/6 splenocytes stained with purified D7, followed by anti-rat IgG FITC



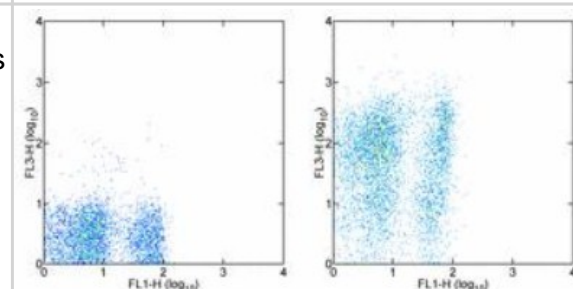
Flow Cytometry: Ly-6A/E Antibody (D7) [NB100-77513] - Analysis using the Biotin conjugate of NB100-77513. Staining of ConA stimulated splenocytes with anti-mouse Ly-6A/E (Sca-1) PE (left) or APC (right). Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.



Flow Cytometry: Ly-6A/E Antibody (D7) [NB100-77513] - Analysis using the FITC conjugate of NB100-77513. Staining of ConA-stimulated splenocytes with 0.25 ug of Anti-Mouse CD3 PE and 0.5 ug of Rat IgG2a kappa Isotype Control FITC (left) or 0.25 ug of Anti-Mouse Ly-6A/E (Sca-1) FITC (right).



Flow Cytometry: Ly-6A/E Antibody (D7) [NB100-77513] - Analysis using the PE/Cy7 conjugate of NB100-77513. Staining of C57BL/6 splenocytes with Anti-Mouse CD3e FITC and 0.06 ug of Rat IgG2a kappa Isotype Control PE-Cy7 (left) or 0.06 ug of Anti-Mouse Ly-6A/E (Sca-1) PE-Cy7 (right). Cells in the lymphocyte gate were used for analysis.



Publications

van Bragt MP, Ciliberti N, Stanford WL et al. LY6A/E (SCA-1) expression in the mouse testis. Biol Reprod. 73(4):634-8. 2005 Oct. [PMID: 15930324] (IHC-Fr, Mouse)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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