

## ARG20983 anti-Ly6A / E antibody [D7] (PE-Cyanine 5)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	PE-Cyanine 5-conjugated Rat Monoclonal antibody [D7] recognizes Ly6A / E
Tested Reactivity	Ms
Tested Application	FACS, IHC-Fr, IHC-P, WB
Specificity	Mouse Ly-6A/E (Ly-6A.2 and Ly-6E.1). The clone D7 suggest that Ly-6A/E may be involved in B and T lymphocyte responses and it appears that the antigen may be required for T-cell receptor-mediated T-cell activation.
Host	Rat
Clonality	Monoclonal
Clone	D7
Isotype	IgG2a, kappa
Target Name	Ly6A / E
Species	Mouse
Immunogen	IL-2 dependent mouse (C57BL/6) cytotoxic T cell line CTL-L
Conjugation	PE-Cyanine 5
Alternate Names	T-cell-activating protein; TAP; Ly-6A.2; Ly-6E.1; Ly-6A.2/Ly-6E.1; Sca-1; Lymphocyte antigen 6A-2/6E-1; Sca1; SCA-1; Stem cell antigen 1; Ly-6A/E

### Application Instructions

Application table	Application	Dilution
	FACS	< 0.2 µg/10 <sup>6</sup> cells
	IHC-Fr	Assay-dependent
	IHC-P	Assay-dependent
	WB	Assay-dependent

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml

**Storage instruction** Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

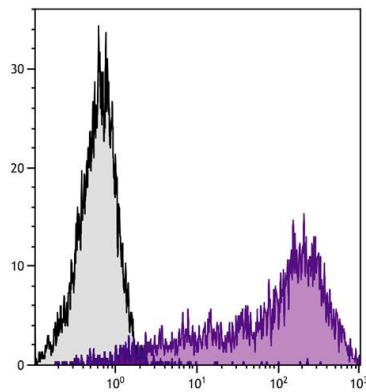
**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 110454 Mouse</a> <a href="#">Swiss-port # P05533 Mouse</a>
Gene Symbol	Ly6a
Gene Full Name	lymphocyte antigen 6 complex, locus A
Function	T-cell activation. [UniProt]
Calculated Mw	14 kDa

## Images



ARG20983 anti-Ly6A/E antibody [D7] (PE-Cyanine 5) FACS image

Flow Cytometry: Con-A-stimulated BALB/c Mouse splenocytes stained with ARG20983 anti-Ly6A/E antibody [D7] (PE-Cyanine 5).