ARG20980
anti-Ly6A / E antibody [D7] (Biotin)

Package: 100 µg
Store at: 4°C

Summary

Product Description	Biotin-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	Biotin
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	< 1 µg/10^6 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

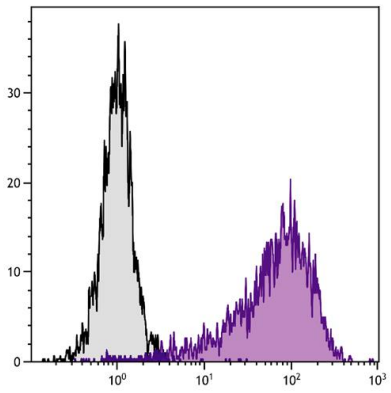
Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be

	gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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

Images



ARG20980 anti-Ly6A/E antibody [D7] (Biotin) FACS image

Flow Cytometry: Con-A stimulated BALB/c Mouse splenocytes stained with ARG20980 anti-Ly6A/E antibody [D7] (Biotin) followed by Streptavidin (FITC).