Datasheet for ABIN7193125
anti-Sca-1/Ly-6A/E antibody

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Overview

Quantity:	100 µL
Target:	Sca-1/Ly-6A/E (Ly6a)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of Mouse Ly6a
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Antigen affinity purification

Target Details

Target:	Sca-1/Ly-6A/E (Ly6a)
Alternative Name:	Ly6a (Ly6a Products)
Background:	Background: Sca-1 is an 18 kDa phosphatidylinositol-anchored protein that is a member of the lymphocyte antigen 6 (Ly-6) family. Sca-1 is encoded by the strain-specific Ly-6 E/A allelic gene. Its expression on multipotent hematopoietic stem cells (HSC) has been used as a marker of HSCs in mice of both Ly-6 haplotypes. Sca-1-positive HSCs can be found in the adult bone marrow, fetal liver, and mobilized peripheral blood and spleen in the adult animal.

Target Details

Aliases: Ly-6A.2/Ly-6E. antibody, Ly-6A.2/Ly-6E.1 antibody, Ly6a antibody, LY6A_MOUSE antibody, Ly6al antibody, Lymphocyte antigen 6A-2/6E-1 antibody, Lymphocyte antigen Ly 6A.2/Ly 6E.1 antibody, SCA-1 antibody, Stem cell antigen 1 antibody, T cell activating protein antibody, T-cell-activating protein antibody, TAP antibody

UniProt:	P05533
Pathways:	Sensory Perception of Sound, Activated T Cell Proliferation

Application Details

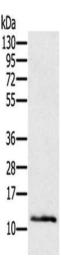|	
Application Notes:	ELISA:1:1000-1:2000, WB:1:200-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images

Western Blotting

Image 1. Gel: 12 % SDS-PAGE, Lysate: 40 μg, Lane: Mouse skin tissue, Primary antibody: ABIN7193125(Ly6a Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes