



Rabbit Anti-Mouse Ly-6A.2 monoclonal antibody, clone 8 I5M4 (CABT-L1451)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Mouse, Rat and Monkey.
Target	LY6A
Immunogen	Peptides corresponding to Mouse Ly6a (aa 83-97, 57-70)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Clone	8 I5M4
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

Stem Cell Antigen-1 (Sca-1) is a member of the lymphocyte antigen 6 (Ly-6) family. It is expressed on multipotent hematopoietic stem cells (HSC) and is used as a marker of HSC in mice. Sca-1 is used in combination with lineage depletion antibodies to identify murine HSC. Sca-1 can be found in fetal liver, adult bone marrow, and adult peripheral blood and spleen. Sca-1 may be involved in the regulation of B and T cell activation.

Keywords

LY6A;lymphocyte antigen 6 complex, locus A;TAP;Sca1;Sca-1;Ly-6A.2;Ly-6A/E;Ly-6E.1;lymphocyte antigen 6A-2/6E-1;T-cell-activating protein;stem cell antigen 1