

Datasheet for ABIN2663690
anti-ESAM antibody (PE)



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1 Image

Overview

Quantity:	50 µg
Target:	ESAM
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This ESAM antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Cytometry by Time of Flight (CyTOF)

Product Details

Clone:	1G8-ESAM
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Target Details

Target:	ESAM
Alternative Name:	ESAM (ESAM Products)
Background:	Endothelial cell-selective adhesion molecule (ESAM) is a 55-kD membrane protein composed of two extracellular Ig domains, a single transmembrane domain, and a cytoplasmic domain. ESAM is predominantly expressed at endothelial junctions and on platelets, participating in the migration of neutrophils through the vessel wall by influencing endothelial cell contacts. It

Target Details

impacts vascular permeability and extravasation process. Recently, it was reported that ESAM is a novel marker for murine hematopoietic stem cells (HSCs) in fetal liver. ESAM expression is correlated with HSC activity. The ESAMHi population was highly enriched for multipotent myeloid-erythroid progenitors and primitive progenitors with lymphopoietic activity, and exclusively reconstituted long-term lymphohematopoiesis in lethally irradiated recipients.

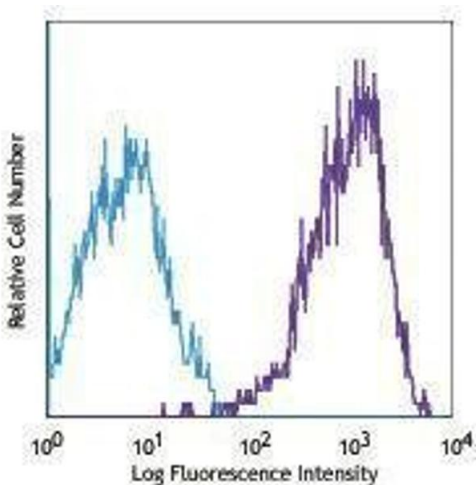
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.2 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.