Erythrocyte Specific Antigen Antibody [clone SFL23.6] (V2337)

Catalog No.	Formulation	Size
V2337-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2337-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2337SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (10) **Bulk quote request**

Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	SFL23.6
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	Unknown
Localization	Cytoplasmic
Applications	Flow Cytometry : 0.5-1ug/10^6 cells Immunofluorescence : 0.5-1ug/ml
Limitations	This **Erythrocyte Specific Antigen antibody** is available for research use only.

Description

This antibody detects an erythrocyte specific antigen. The antibody shows a well defined reactivity with cells of the

erythroid lineage at all stages of maturation in the peripheral blood, bone marrow, and fetal liver. Non-erythroid lineages are negative by flow cytometry. Although the exact identity of the erythrocyte specific antigen has yet to be determined, it has been shown to be distinct from Glycophorin A. This antibody is useful in the diagnosis of erythroleukemia, identification of bone marrow erythroid precursors, gating erythroid nucleated precursor cells from malignant cells in bone marrow specimens.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the Erythrocyte Specific Antigen antibody to be titered up or down for optimal performance.

Immunogen

Hepatocytes from a 20-22 week-old human fetus were used as the antigen for this Erythrocyte Specific Antigen antibody.

Storage

Store the Erythrocyte Specific Antigen antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

RBC marker, Red blood cell marker, Erythroid marker, Erythrocyte specific protein

References (1)