

Datasheet for ABIN2662481
anti-VPREB1 antibody (PE)



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1 Image

Overview

Quantity:	100 µg
Target:	VPREB1
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This VPREB1 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Clone:	R3
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:	VPREB1
Alternative Name:	CD179a (VPREB1 Products)
Background:	CD179a, also known as VpreB, is an 18 kD member of the Ig superfamily, with an Ig V-like domain structure (that lacks the β strand of a typical V domain). CD179a associates with CD179b to form a surrogate light (SL) chain, which associates with the IgM heavy chain and the CD179a/CD179b heterodimer to form the pre-B cell receptor (PreBCR) complex. The function of

Target Details

CD179a/CD179b is still under investigation, though it has been reported that deficiency of CD179a and/or CD179b impairs the maturation of the B cell precursors beyond the pre-B cell stage.

Pathways: [Production of Molecular Mediator of Immune Response, Regulation of Cell Size](#)

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

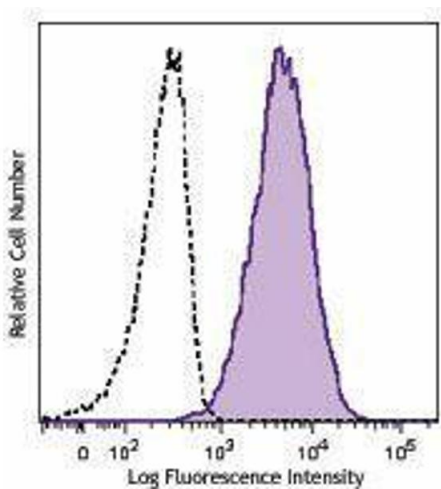
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.