

Datasheet for ABIN135300
anti-eIF4EBP1 antibody (PE)



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1 Image

Overview

Quantity:	0.1 mg
Target:	eIF4EBP1 (EIF4EBP1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This eIF4EBP1 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Unknown
Clone:	FG35-4
Isotype:	IgG1
Specificity:	Mouse BP-1, Mr 140 kDa
Characteristics:	Rat Anti-Mouse BP-1-PE

Target Details

Target:	eIF4EBP1 (EIF4EBP1)
Alternative Name:	BP-1 (EIF4EBP1 Products)
Background:	BP-1, also known as Ly-51/6C3 antigen, is a type II homodimeric transmembrane glycoprotein formed by two disulfide-linked chains of 140 kDa. Originally identified on the surface of pre-B

Target Details

cell lymphomas the cDNA encoding BP-1/Ly-51/6C3 has been cloned and found to represent aminopeptidase A. It is expressed at high levels on bone marrow stromal cell lines which support in vitro B lymphopoiesis and on a wide variety of mouse tissues known to possess aminopeptidase activity. Subsets of normal bone marrow pre-B and B cells express low levels of BP-1/Ly-51/6C3, which is rapidly upregulated on pre-B cells in the presence of IL-7. The BP-1/6C3 marker is commonly used to identify B cells in different stages of development.

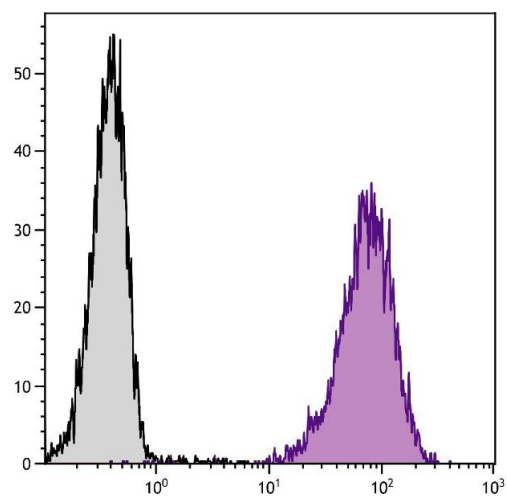
Pathways: [MAPK Signaling](#), [PI3K-Akt Signaling](#), [RTK Signaling](#), [AMPK Signaling](#), [Regulation of Cell Size](#), [BCR Signaling](#)

Application Details

Application Notes:	• Applications: FC - Quality tested • Working Dilutions: Flow Cytometry FITC and BIOT conjugates 1 g/10⁶ cells PE conjugate 0.2 g/10⁶ cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
Sample Volume:	1 mL
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL
Buffer:	0.1 mg in 1.0 mL or 0.2 mg in 2.0 mL of PBS/Sodium azide and a stabilizing agent
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:	Do not freeze! Protect conjugated products from light. Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Storage Comment:	Store at 2-8°C



Flow Cytometry

Image 1. Mouse pre-B cell line 18-81 was stained with Rat Anti-Mouse BP-1-PE.