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# Datasheet for ABIN7193342

# anti-VPREB1 antibody (AA 20-145)





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Quantity:	0.1 mg	
Target:	VPREB1	
Binding Specificity:	AA 20-145	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This VPREB1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)	

### **Product Details**

Immunogen:	Purified recombinant fragment of human CD179A (AA: extra 20-145) expressed in E. coli.	
Clone:	5F8F3	
Isotype:	lgG1	
Purification:	purified	

## **Target Details**

Target:	VPREB1	
Alternative Name:	CD179A (VPREB1 Products)	
Background:	Description: The protein encoded by this gene belongs to the immunoglobulin superfamily and	

is expressed selectively at the early stages of B cell development, namely, in proB and early
preB cells. This gene encodes the iota polypeptide chain that is associated with the Ig-mu chain
to form a molecular complex which is expressed on the surface of pre-B cells. The complex is
thought to regulate Ig gene rearrangements in the early steps of B-cell differentiation.
Alternative splicing results in multiple transcript variants.
Aliases: VPREB1, IGI, IGVPB, VPREB

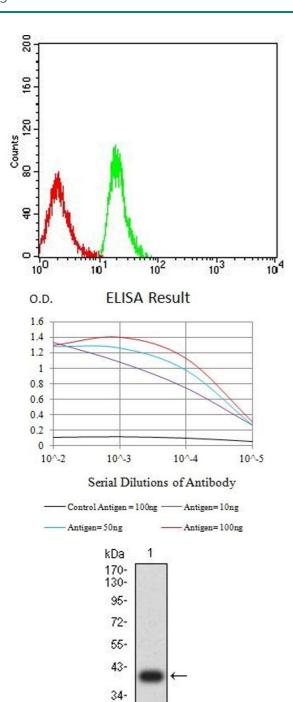
Molecular Weight:	16.6 kDa
Gene ID:	7441
Pathways:	Production of Molecular Mediator of Immune Response, Regulation of Cell Size

# **Application Details**

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A
Restrictions:	For Research Use only

# Handling

Buffer:	Purified antibody in PBS with 0.05 % 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.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



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### **Flow Cytometry**

**Image 1.** Flow cytometric analysis of MOLT4 cells using CD179A mouse mAb (green) and negative control (red).

#### **ELISA**

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

### **Western Blotting**

**Image 3.** Western blot analysis using CD179A mAb against human CD179A (AA: extra 20-145) recombinant protein. (Expected MW is 40.5 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193342.