

Anti-CD179a Antibody

Catalog # AP54013

Product Information

Application	WB, IHC
Primary Accession	P12018
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16605

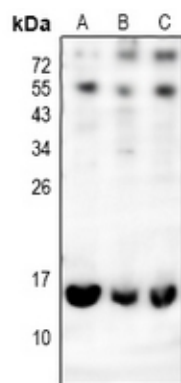
Additional Information

Gene ID	7441
Other Names	VPREB; Immunoglobulin iota chain; CD179 antigen-like family member A; Protein VPreB1; V(pre)B protein; VpreB protein; CD179a
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD179a. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

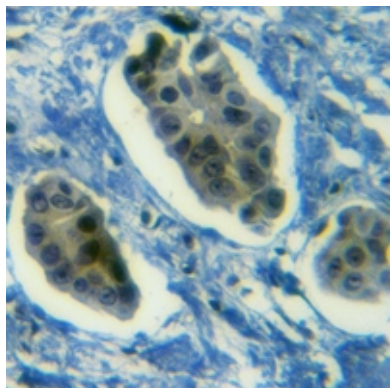
Protein Information

Name	VPREB1
Synonyms	VPREB
Function	Associates with the Ig-mu chain to form a molecular complex that is expressed on the surface of pre-B-cells. This complex presumably regulates Ig gene rearrangements in the early steps of B- cell differentiation.
Cellular Location	Endoplasmic reticulum {ECO:0000250 UniProtKB:P13372}
Tissue Location	Only expressed by pre-B-cells.

Images



Western blot analysis of CD179a expression in Myla2059 (A), HuT78 (B), K562 (C) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 16 kD)



Immunohistochemical analysis of CD179a staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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