

DATASHEET

CD179a Rabbit Polyclonal Antibody

CAT. NO. APA11007

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | CD179a | Source / Host | Rabbit |
| Reactivity | Human | Clonality | Polyclonal |
| Applications | WB, IHC | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

BACKGROUND

Associates with the Ig- μ 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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|-----|----------------|
| WB | 1:500 - 1:1000 |
| IHC | 1:50 - 1:100 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

| | |
|-------------------|---|
| Description | Rabbit polyclonal antibody to CD179a |
| Specificity | Recognizes endogenous levels of CD179a protein. |
| Antibody Type | Primary antibody |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD179a. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 16 kD; Observed: 16 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | VPREB; Immunoglobulin iota chain; CD179 antigen-like family member A; Protein VPreB1; V(pre)B protein; VpreB protein; CD179a |
| Gene Symbol | VPREB1 |
| Entrez Gene | 7441(Human) |
| SwissProt | P12018(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

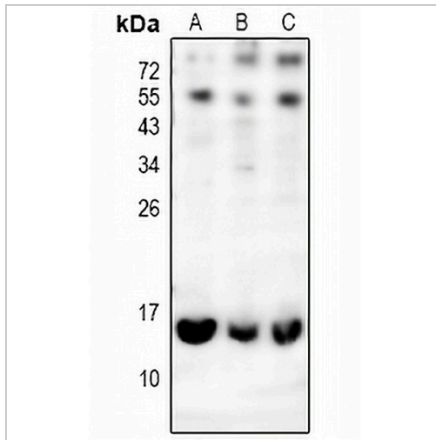
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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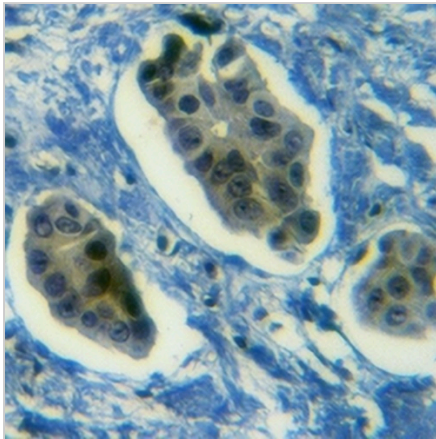
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DATA



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.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.