

**CLEC2A Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11060c****Specification**

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**CLEC2A Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q6UWV9</a>
Other Accession	<a href="#">NP_001124183.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	19972
Antigen Region	79-107

**CLEC2A Antibody (Center) - Additional Information****Gene ID** 387836**Other Names**

C-type lectin domain family 2 member A, Keratinocyte-associated C-type lectin, KACL, Proliferation-induced lymphocyte-associated receptor, PILAR, CLEC2A, KACL

**Target/Specificity**

This CLEC2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 79-107 amino acids from the Central region of human CLEC2A.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CLEC2A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**CLEC2A Antibody (Center) - Protein Information****Name** CLEC2A**Synonyms** KACL

**Function** Plays a role in modulating the extent of T-cell expansion. Enhances the expansion of TCR-stimulated T-cells by increasing their survival through enhanced expression of anti-apoptotic proteins. May modulate the capacity of T-cells to home to lymph nodes through SELL. Facilitates dedicated immune recognition of keratinocytes via interaction with its receptor KLRF2 by stimulating natural killer cell mediated cytotoxicity.

#### **Cellular Location**

Cell membrane; Single-pass type II membrane protein

#### **Tissue Location**

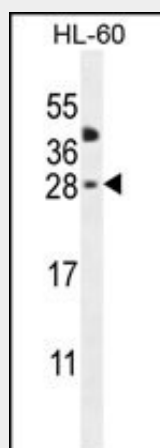
Mainly expressed in skin. Also expressed in keratinocytes, spleen, thymus, small intestine, peripheral blood monocytes, bone marrow, ovary, testis and skin. High expression in CD8(+), B-lymphocytes and naive CD4(+) T-cells. Restricted mostly to proliferating lymphocytes. Not detected in myeloid leukocytes or natural killer (NK) cells.

### **CLEC2A Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **CLEC2A Antibody (Center) - Images**



CLEC2A Antibody (Center) (Cat. #AP11060c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the CLEC2A antibody detected the CLEC2A protein (arrow).

### **CLEC2A Antibody (Center) - Background**

CLEC2A belongs to the CLEC2 family of activation-induced, natural killer gene complex-encoded C-type lectin-like receptors (Spreu et al., 2007 [PubMed 18046548]).

### **CLEC2A Antibody (Center) - References**

Spreu, J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(11):5100-5105(2010)  
Ozaki, Y., et al. J. Thromb. Haemost. 7 SUPPL 1, 191-194 (2009) :  
Huarte, E., et al. Blood 112(4):1259-1268(2008)  
Spreu, J., et al. Immunogenetics 59(12):903-912(2007)  
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)