10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CLEC2A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11060c

Specification

CLEC2A Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q6UVW9
Other Accession	NP_001124183.1
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

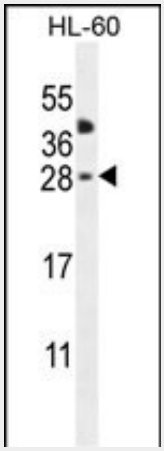
Tissue Location
Mainly expressed in skin. Also expressed in keratinocytes, spleen, thymus, small intestine, peripheral blood monocytes, bone marrow, ovary, testis and skin. High expression in CD8(+), B-lymphocytes and naive CD4(+) T-cells. Restricted mostly to proliferating lymphocytes. Not detected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