

**CLEC2A Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11060c****Specification**

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

Primary Accession [Q6UWV9](#)

**CLEC2A Antibody (Center) Blocking peptide - 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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CLEC2A Antibody (Center) Blocking peptide - 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) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

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

## **CLEC2A Antibody (Center) Blocking peptide - 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) Blocking peptide - 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)