

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

CLEC2A Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q6UVW9](#)

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)