



Rabbit Anti-CLEC2A antibody

SL20526R

Product Name:	CLEC2A
Chinese Name:	C型凝集素结构域家族2成员A抗体
Alias:	C-type lectin domain family 2 member A; CLC2A_HUMAN; CLEC2A; INPE5792; KACL; Keratinocyte-associated C-type lectin; PILAR; Proliferation-induced lymphocyte-associated receptor; UNQ5792.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	20kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CLEC2A:81-174/174<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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]).[supplied by OMIM, May 2008]

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.

Subcellular Location:

Cell membrane.

Tissue Specificity:

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.

Post-translational modifications:

N-glycosylated.

Similarity:

Contains 1 C-type lectin domain.

SWISS:

Q6UVW9

Gene ID:

387836

Database links:

[Entrez Gene: 387836](#) Human

[Omim: 612087](#) Human

[SwissProt: Q6UVW9](#) Human

[Unigene: 1087866](#) Human

[Unigene: 527665](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

