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CLEC2A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57801

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6UVW9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19972

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
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	CLEC2A
Synonyms	KACL
Function	Membrane-bound protein expressed mainly on keratinocytes which acts as a ligand to stimulate the activating receptor NKp65/KLRF2, expressed on the surface of natural killer (NK) cells (PubMed:25510854). Facilitates thereby dedicated immune recognition of keratinocytes leading to natural killer cell mediated cytotoxicity (PubMed:20194751). Also plays a role in modulating the extent of T-cell expansion (PubMed:18550855).
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.

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