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[Marker Primary Antibody]

Rabbit Anti-Dermokine beta/AF647 Conjugated antibody

Catalog Number: SL9056R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-Dermokine beta/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human Dermokine beta
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human)
Background:	background: Dermokine, also known as DMKN, ZD52F10 or UNQ729, is a 476 amino acid secreted protein that belongs to the dermokine family and exists as 15 alternatively spliced isoforms, the most notable of which are designated å and ∫. Existing as a homooligomer that can either homodimerize or homotrimerize, Dermokine is expressed in the epidermis, as well as in the epithelia of the lung and small intestine where it is thought to function as a regulator of keratinocyte differentiation, possibly playing a role in inflammatory responses. The gene encoding Dermokine maps to human chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin (Ig) superfamily members, including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family and Fc receptors (FcRs). **Function:** May act as a soluble regulator of keratinocyte differentiation

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

	(Potential). **Subunit:** Homooligomer. Seems to be able to homodimerize and homotrimerize. **Subcellular Location:** Secreted. **Tissue Specificity:** Expressed in epidermis; in the spinous and granular layers and in placenta. Also found in the epithelia of the small intestine, macrophages of the lung and endothelial cells of the lung. Isoform 15 is expressed in epidermis and placenta. Isoform 1 is expressed in epidermis. **Post-translational modifications:** O-glycosylated. **Similarity:** Belongs to the dermokine family. **Database links:** **Entrez Gene:** 93099 Human **SwissProt:** Q6E0U4 Human **SwissProt:** Q96EW8 Human **Unigene:** 417795 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.