

Dermokine beta Rabbit pAb

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Catalog # AP59125

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6E0U4
Reactivity	Rat
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47082
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Dermokine beta
Epitope Specificity	401-476/476
Isotype	IgG
Purity	affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted.

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

Background Descriptions 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 α and β . 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).

Additional Information

Gene ID	93099
Other Names	Dermokine, Epidermis-specific secreted protein SK30/SK89, DMKN
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200
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.

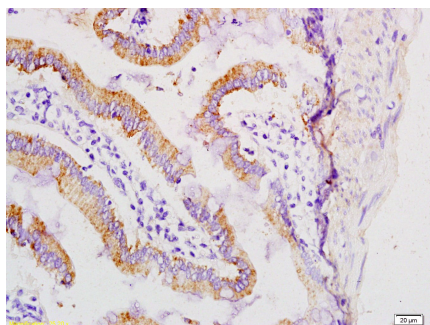
Protein Information

Name	DMKN
Function	May act as a soluble regulator of keratinocyte differentiation.
Cellular Location	Secreted.
Tissue Location	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.

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Images



Tissue/cell: rat small intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Dermokine beta Polyclonal Antibody, Unconjugated(AP59125) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.