

Anti-Dermokine beta Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human)
Molecular Weight:	Theoretical: 45 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Tissue/cell: rat small intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Dermokine beta Polyclonal Antibody, Unconjugated (TMAB-05093) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Dermokine beta
Antigen Species:	Human
Gene ID:	93099
Uniprot ID:	Q6E0U4

Research 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 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).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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