

KD-Validated Anti-SPINK5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1407

Product Information

Application	WB, ICC
Primary Accession	Q9NQ38
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4180
Calculated MW	120714
Gene Name	SPINK5
Aliases	SPINK5; Serine Peptidase Inhibitor Kazal Type 5; LEKTI; VAKTI; LETKI; NETS; NS; Lympho-Epithelial Kazal-Type-Related Inhibitor; Lymphoepithelial Kazal-Type-Related Inhibitor; Serine Protease Inhibitor Kazal-Type 5; FLJ21544; FLJ97536; FLJ97596 ; FLJ99794; Serine Protease Inhibitor, Kazal Type 5; DKFZp686K19184; DKFZP686K19184
Immunogen	A synthesized peptide derived from human SPINK5 / LEKTI

Additional Information

Gene ID	11005
Other Names	Serine protease inhibitor Kazal-type 5, Lympho-epithelial Kazal-type-related inhibitor, LEKTI, Hemofiltrate peptide HF6478, Hemofiltrate peptide HF7665, SPINK5

Protein Information

Name	SPINK5
Function	Serine protease inhibitor, probably important for the anti- inflammatory and/or antimicrobial protection of mucous epithelia. Contribute to the integrity and protective barrier function of the skin by regulating the activity of defense-activating and desquamation- involved proteases. Inhibits KLK5, its major target, in a pH-dependent manner. Inhibits KLK7, KLK14 CASP14, and trypsin.
Cellular Location	Secreted.
Tissue Location	Highly expressed in the thymus and stratum corneum. Also found in the oral mucosa, parathyroid gland, Bartholin's glands, tonsils, and vaginal epithelium. Very low levels are detected in lung, kidney, and prostate.