SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-SPINK1 antibody

Catalog Number: SLM-60323R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	E5F9
Target:	SPINK1
Purification:	Affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:50-200 IHC-F=1:50-200 IF=1:50-200 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	6.2kDa
Subcellular Location:	Secretory protein
Background:	The protein encoded by this gene is a trypsin inhibitor, which is secreted from pancreatic acinar cells into pancreatic juice. It is thought to function in the prevention of trypsin-catalyzed premature activation of zymogens within the pancreas and the pancreatic duct. Mutations in this gene are associated with hereditary pancreatitis and tropical calcific pancreatitis. [provided by RefSeq, Oct 2008] **Subcellular Location:** Secreted. **Database links:** **Entrez Gene:** 6690 Human **SwissProt:** P00995 Human Serine protease inhibitor Kazal-type 1 (SPINK1) is a member of the protease inhibitor family. Because it plays an important role in the occurrence, development, and prognosis of malignant tumors such as ovarian cancer,

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	pancreatic cancer, hepatocellular carcinoma, colorectal cancer, and prostate cancer, the clinical application of SPINK1 as a tumor marker has attracted widespread attention.

[VALIDATION IMAGES]

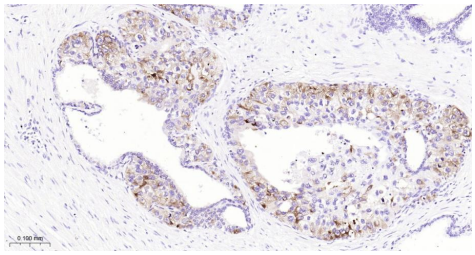


Figure 1. Paraformaldehyde-fixed, paraffin embedded Human Prostate Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SPINK1 Monoclonal Antibody, Unconjugated (SLM-60323R) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

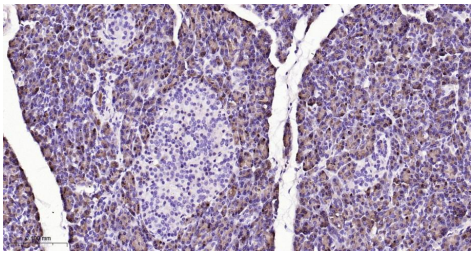


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SPINK1 Monoclonal Antibody, Unconjugated (SLM-60323R) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

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