SPINK1 Antibody (monoclonal) (M01)
Mouse monoclonal antibody raised against a partial recombinant SPINK1.
Catalog # AT4023a

Specification

SPINK1 Antibody (monoclonal) (M01) -
Product Information

Application
Primary Accession
Other Accession
Reactivity
Host
Clonality
Isotype
Clone Names
Calculated MW

SPINK1 Antibody (monoclonal) (M01) -
Additional Information

Gene ID 6690

Other Names
Pancreatic secretory trypsin inhibitor, Serine protease inhibitor Kazal-type 1,
Tumor-associated trypsin inhibitor, TATI, SPINK1, PSTI

Target/Specificity
SPINK1 (AAH25790, 24 a.a. ~ 79 a.a) partial recombinant protein with GST tag. MW of the
GST tag alone is 26 KDa.

Dilution
WB ≈ 1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
SPINK1 Antibody (monoclonal) (M01) is for research use only and not for use in
diagnostic or therapeutic procedures.

SPINK1 Antibody (monoclonal) (M01) -
Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

Antibody Reactive Against Recombinant Protein.Western Blot detection against
Immunogen (31.9 KDa) .

SPINK1 monoclonal antibody (M01), clone 4D4. Western Blot analysis of SPINK1 expression in human pancreas.

Immunoperoxidase of monoclonal antibody to
SPINK1 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 1 ug/ml]

Immunoprecipitation of SPINK1 transfected lysate using anti-SPINK1 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with SPINK1 MaxPab rabbit polyclonal antibody.

Detection limit for recombinant GST tagged SPINK1 is 0.03 ng/ml as a capture antibody.

**SPINK1 Antibody (monoclonal) (M01) - 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.

**SPINK1 Antibody (monoclonal) (M01) - References**
