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

Specification

SPINK1 Antibody (monoclonal) (M01) - Product Information

Application WB, IHC, IP, E
Primary Accession P00995
Other Accession BC025790
Reactivity Human
Host Mouse
Clonality Monoclonal
Isotype IgG2a Kappa
Clone Names 4D4
Calculated MW 8507

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

Immunoperoxidase of monoclonal antibody to SPINK1 monoclonal antibody (M01), clone 4D4. Western Blot analysis of SPINK1 expression in human pancreas.
Blocking Peptides
Dot Blot
Immunohistochemistry
Immunofluorescence
Immunoprecipitation
Flow Cytometry
Cell Culture

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


