

## Anti-Pancreatic lipase Antibody (4G209)

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 51 kDa. Actual: 48 kDa.
Clone:	4G209
Purification:	Protein A purified

## Applications

Verified Activity:	1. Western blot analysis of Human pancreas lysate. Using Pancreatic Lipase (TMAB-09960) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. 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 Pancreatic lipase Monoclonal Antibody, Unconjugated (TMAB-09960) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; 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:	A synthesized peptide: human Pancreatic lipase
Antigen Species:	Human
Gene ID:	5406
Uniprot ID:	P16233

## Research Background

Plays an important role in fat metabolism. It preferentially splits the esters of long-chain fatty acids at positions 1 and 3, producing mainly 2-monoacylglycerol and free fatty acids, and shows considerably higher activity against insoluble emulsified substrates than against soluble ones.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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