



# Magic™ Anti-Trypsinogen-2 monoclonal antibody, clone 9718 (CABT-B348)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Antibody recognizes human Trypsinogen-2 Human Trypsin-1 2% Human Trypsin-2 6%
<b>Target</b>	Trypsinogen-2
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	9718
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap), ELISA(Det), RIA
<b>Format</b>	Clear liquid
<b>Concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Buffer</b>	50 mM Na-citrate, pH 7.0, 0.9%NaCl, 0.1% NaN3 as a preservative
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	12 months from manufactruing at 2-8°C

## BACKGROUND

<b>Introduction</b>	Trypsinogen is the precursor form of the pancreatic enzyme trypsin. It is found in pancreatic juice, along with amylase, lipase and chymotrypsinogen. It is activated by enteropeptidase, which is found in the intestinal mucosa, to form trypsin. Once activated, the trypsin can activate more trypsinogen into trypsin. Trypsin cleaves peptide bond on carboxyl side of basic amino acids. Hihg serum trypsinogen levels are seen in acute pancreatitis, and crytic fibrosis. Determination of urine trypsinogen-2 is also a useful test to detect acute pancreatitis and to evaluate disease
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severity.

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**Keywords**

PRSS2;protease, serine 2;TRY2;TRY8;TRYP2;anionic trypsinogen;protease serine 2  
preproprotein;protease, serine, 2 (trypsin 2);trypsin II  
trypsinogen 2

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