



# Rat anti-Mouse PRSS3 monoclonal antibody, clone 520022 (CABT-B9512)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse Trypsin 3/PRSS3 Phe16-Asn246
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	520022
<b>Purification</b>	Protein A/G
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr
<b>Format</b>	Lyophilized
<b>Concentration</b>	0.5 mg/ml
<b>Size</b>	100 µg
<b>Buffer</b>	PBS with 5% trehalose
<b>Preservative</b>	no preservative
<b>Storage</b>	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2010]

**Keywords**

PRSS3; protease, serine, 3; T9; MTG; TRY3; TRY4; PRSS4; trypsin-3; trypsin IV; mesotrypsin; trypsin III; trypsinogen 4; trypsinogen 5; trypsinogen IV; mesotrypsinogen; brain trypsinogen; pancreatic trypsinogen III; protease, serine, 4 (trypsin 4, brain);

## GENE INFORMATION

**Entrez Gene ID**[5646](#)**UniProt ID**[P35030](#)