

## Trypsin Monoclonal Antibodies

### ORDERING INFORMATION

Catalog No.	Clone No.	MAB Subtype	Size	Library Pack No.	100ug/clone
13401	TRYP10-104.1	IgG1	100ug, 500ug	134101	All 3 clones
13403	TRYP11-224.3	IgG1	100ug, 500ug		
13404	TRYP11-236.7	IgG1	100ug, 500ug		

Format: Protein G-purified antibody in PBS, pH 7.4.

### BACKGROUND

Trypsin is a serine protease found in the digestive system of many vertebrates where it hydrolyses proteins. Trypsin cleaves peptide chains mainly at the carboxyl side of the amino acids lysine or arginine, except when either is followed by proline. Trypsin is formed in the small intestine when its proenzyme form, the trypsinogen produced by the pancreas, is activated. Trypsin-1, also known as cationic trypsinogen, is the main isoform of trypsinogen secreted by the pancreas. Trypsin-2 is also known as anionic trypsinogen, and Trypsin-3 is also known as meso-trypsinogen.

### SPECIFICATION SUMMARY

**Antigen:** Purified human pancreatic trypsin.

**Host Species:** Mouse

**Specificity:** These antibodies recognize human pancreatic trypsin. They do not cross-react with human pancreatic chymotrypsin.

Catalog no.	Native human pancreatic trypsin	Recombinant human trypsin-1 <sup>1</sup>	Recombinant human trypsin-2 <sup>2</sup>
13401	+	-	-
13403	+	+	+
13404	+	+(weak)	-

<sup>1</sup>Produced in CHO cells (Prospec)

<sup>2</sup>Produced in *E. coli* (Prospec)

### APPLICATIONS

These antibodies have been qualified for use in ELISA to detect human pancreatic trypsin.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

### STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*