

Trypsin Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype
13401	TRYP10-104.1	IgG1
13403	TRYP11-224.3	IgG1
13404	TRYP11-236.7	IgG1

Library Pack No.	100ug/clone
134101	All 3 clones

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 ¹	Recombinant human trypsin-2 ²
13401	+	-	-
13403	+	+	+
13404	+	+ (weak)	-

¹Produced in CHO cells (Prospec)

²Produced 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.