

Trypsin Antibody

Monoclonal Antibody

Product Information

Product No.: 13403
Clone: TRYP11-224.3
Isotype: Mouse IgG1
Storage: -20° to -70°C

Catalog No.	Native Human Pancreatic Trypsin	Recombinant Human Trypsin-1 ¹	Recombinant Human Trypsin-2 ²
13401	+	-	-
13403	+	+	+
13404	+	+ (weak)	-

¹Produced in CHO cells

²Produced in E. coli

Product Description

Specificity:

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

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 mesotrypsinogen.

Known Reactivity Species:

Human

Format:

Purified

Immunogen:

Purified human pancreatic trypsin.

Formulation

This monoclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.2 - 7.4 with no carrier protein or preservatives added.

Storage and Stability

Upon initial thawing, appropriately aliquot and store at -20°C to -70°C. For long-term storage, keep at -70°C.

Avoid repeated freeze-thaw cycles.

Product Preparation

Antibodies are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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Applications

Applications and Recommended Usage (Quality Tested By Leinco):

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

Country of Origin

USA