Leinco Technologies, Inc.
excellence in early discovery research™

Trypsin Antibody — Library Pack

Product No.: 134101
3 Clones 100 µg of each:

Product No.:	13401	**Product No.:**	13403	**Product No.:**	13404
Clone:	TRYP10-104.1	**Clone:**	TRYP11-224.3	**Clone:**	TRYP11-236.7
Isotype:	IgG1	**Isotype:**	IgG1	**Isotype:**	IgG1
Storage:	-20° to -70°C	**Storage:**	-20° to -70°C	**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)	-

[1]Produced in CHO cells

[2]Produced 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.

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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.

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