

Mouse anti-Human Pepsinogen I, clone 8003 (99/12) (Monoclonal)

Clone no. 8003 (99/12)

MONOSAN

Product name	Mouse anti-Human Pepsinogen I, clone 8003 (99/12) (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Purified human pepsinogen 1
Isotype	IgG1
Clonality	Monoclonal
Clone number	8003 (99/12)
Size	0.2 mg
Concentration	IgG 0.5 mg/ml
Format	Purified
Storage buffer	PBS with <0.1% sodium azide
Storage until expiry date	aliquots -20°C. Thawed 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human pepsinogen 1 antibody, clone 8003 recognizes human Pepsinogen I, a zymogen or proenzyme secreted by chief cells in the stomach. It is cleaved to form pepsin both in an autocatalytic fashion and by pepsin itself. In humans there are two related forms of pepsin, Pepsinogen I (also known as pepsinogen A), and Pepsinogen II (also known as Pepsinogen B or progastricsin). Mouse anti Human pepsinogen 1 antibody, clone 8003 has an affinity of 4×10^{10} l/mol human Pepsinogen I.

References

1. Ueyama H et al. Am J Surg Pathol 2010; 34: 609-19
2. Fujita Y et al. Gastric Cancer 2016; 19: 192-7
3. Hidaka Y et al. Human Pathol 2013; 44: 2438-48
4. Sakamoto H et al. J Gastroenterol 2011; 46: 620-8
5. Nakajima T et al. Pathol Int 2016; 66: 518-23

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