

Mouse anti-Pepsinogen II, clone L10CC10 (Monoclonal)

Clone no. L10CC10

MONOSAN

Product name	Mouse anti-Pepsinogen II, clone L10CC10 (Monoclonal)
Host	Mouse
Applications	IHC-fr, IHC-P, WB, ELISA
Species reactivity	human
Conjugate	-
Immunogen	Pepsinogen II purified from human tissue
Isotype	IgG1
Clonality	Monoclonal
Clone number	L10CC10
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 1% BSA & 0.09% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The antibody is specific to human pepsinogen II and has no crossreactivity to human pepsinogen I. Pepsinogen II is a group of precursor molecules for pepsin. These proteins are secreted into the gastric lumen by the pyloric glands of the gastric antrum and also by the chief and neck cells of the gastric corpus (oxyntic mucosa). Negative immunohistochemical reaction for pepsinogen I (right) but positive reaction for pepsinogen II (left) is a typical sign of the antral mucosa and, in the presence of atrophic gastritis, this staining pattern indicates that the positive glands and cells are metaplastic and "pyloric" in differentiation (so called pseudopyloric metaplasia).

References

1. -
2. -
3. -
4. -
5. -

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