

Mouse anti-Human MUC2, clone MRQ-18 (Monoclonal)

Clone no. MRQ-18

MONOSAN

---

Product name	Mouse anti-Human MUC2, clone MRQ-18 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:50-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	MRQ-18
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

## Mouse anti-Human MUC2, clone MRQ-18 (Monoclonal)

Clone no. MRQ-18

MONOSAN

**Additional info**

Mucins are high molecular weight glycoproteins which constitute the major component of the mucus layer that protects the gastric epithelium from chemical and mechanical injury. In humans, at least 14 mucin genes have been identified that code for the mucin proteins. Reportedly, mucin expression is associated with tumor type of gastric carcinomas, with MUC2 being associated with mucinous carcinomas. Anti- MUC2 reactivity is seen in goblet cells of the small intestine and colon, and it is useful in immunohistochemistry for identifying colonic, gastric and esophageal carcinomas.

**References**

1. Chaves P, et al. Dis Esophagus. 2005; 18:383-7
2. Leteurtre E, et al. World J Gastroenterol. 2006; 12:3324-31.
3. Mino-Kenudson M, et al. Arch Pathol Lab Med. 2007; 131:86-90
4. Mizoshita T, et al. Histol Histopathol. 2007; 22:251-60
5. O'Connell FP, et al. Arch Pathol Lab Med. 2005; 129:338-47

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES**