

Product datasheet MON10343

MONOSAN[®]

Mouse anti-Human MUCIN 2, clone 996/1 (Monoclonal)

Clone no. 996/1

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Product name	Mouse anti-Human MUCIN 2, clone 996/1 (Monoclonal)
Host	Mouse
Applications	IHC-fr, F, IHC-P, WB
Species reactivity	human
Conjugate	-
Immunogen	MUC-2 tandem repeat peptide
Isotype	IgG1
Clonality	Monoclonal
Clone number	996/1
Size	0.2 mg
Concentration	IgG 1 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 Mucin 2 antibody, clone 996/1 recognizes human Mucin 2 (MUC-2), and shows no cross-reactivity with MUC-1, MUC-3 or MUC-4. In formalin fixed, paraffin embedded tissue sections Mouse anti Human Mucin 2 antibody, clone 996/1 reveals high levels of expression in colon, liver and prostate tissues (Durrant et al. 1994). Mouse anti Human Mucin 2 antibody, clone 996/1 recognizes malignant colonic mucosa as well as normal mucosa. Epitope mapping indicates that Mouse anti Human Mucin 2 antibody, clone 996/1 recognizes a sequence PTGTQ within the mucin 2 tandem repeat region (Uray et al. 1999).

References

1. Filipe MI et al. Eur J Cancer Prev 1996; 5: 287-95
2. Paulsen FP et al. Invest Ophthalmol Vis Sci 2003; 44: 1807-13
3. Price MR et al. Int J Oncol 1999; 15: 803-9
4. Tugyi R et al. PNAS 2005; 102: 413-8
5. Uray K et al. Arch Biochem Biophys 2000; 378: 25-32

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