

Mouse anti-MUC1/Polymorphic epithelial mucin, clone VU-2G7 (Monoclonal)

Clone no. 2G7

MONOSAN

Product name	Mouse anti-MUC1/Polymorphic epithelial mucin, clone VU-2G7 (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-fr, IHC-P, IF, FC
Species reactivity	human
Conjugate	-
Immunogen	VNTR 60mer glycosylated synthetic peptide BSA conjugate
Isotype	IgG1
Clonality	Monoclonal
Clone number	2G7
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% 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

VU-2G7 reacts with the protein core of MUC1, an apical cell side epithelial marker which is upregulated or switched on in the majority of carcinomas. The dominant epitope of VU2G7 includes the PDTR motif, located in the VNTR domain of MUC1. Binding of VU-2G7 is significantly enhanced when the threonine of the PDTR motif bears a GalNAc

References

1. Ryuko, K. et al. Tumor Biol. 21(4): 197-210 (2000)
2. Karsten, U. et al. Cancer. Res. 58(12): 2541-2549 (1998)
3. -
4. -
5. -

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