

MUC1

Mouse Anti-Human Mucin 1 Clone VU-13F11 mAb

Catalog No.	MON6049	Quantity:	100 µg
Alternate Names:	CD227, EMA, H23AG, MAM6, PEM, PEMT, PUM, DF3 antigen, H23 antigen, MUC-1/SEC, MUC-1/X, MUC1/ZD, breast carcinoma-associated antigen DF3, episialin, mucin 1, mucin 1, transmembrane, peanut-reactive urinary mucin, polymorphic epithelial mucin, tumor associated epithelial mucin		
Description:	<p>VU-13F11 reacts with MUC1, a large transmembrane glycoprotein expressed on the ductal surface of normal glandular epithelia. The extracellular domain of MUC1 largely consists of a highly conserved, O-glycosylated 20 aminoacids tandem repeat which can occur 30-100 times per molecule depending on the length of the allele involved. In the vast majority of human carcinomas this protein is upregulated and poorly glycosylated and appears on the cell surface in a non-polarized fashion. The dominant epitope of VU-13F11 has not yet been determined.</p> <p>Source: A Balb/c mouse was immunized with a MUC1 60mer tandem repeat NH₂-(VTSAPDTRPAPGSTAPPAHG)3-COOH conjugated to bovine serum albumin. Splenocytes were fused with SP2/0 mouse myeloma cells.</p>		
Concentration:	100 ug/ml.		
Gene ID:	4582		
Host:	Mouse		
Isotype:	IgM		
Clone:	VU-13F11		
Formulation:	100 µg purified material in PBS with 0.05% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	VU-13F11 is suitable for immunohistochemistry. In addition it is a good coating agent in ELISA-plates.		

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