



Magic™ Anti-MUC1 monoclonal antibody, clone N3023223 [HRP] (DCABY-4606)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	CA 15-3 (also known as MUC1) is the most widely used serum marker in breast cancer.
Immunogen	CA 15-3 antibody was raised in mouse using human CA 15-3 antigen from a human cell line as the immunogen.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	N3023223
Purification	Protein G column chromatography purified
Conjugate	HRP
Applications	ELISA Pr*, Immunoassays Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4606 - DCABY-4604
Format	Liquid
Size	500 µl
Buffer	Supplied in 0.05 M KPO4 buffer, 0.85% NaCl, pH=7.20, containing protein stabilizers and preservatives
Preservative	None
Storage	Store at 4 °C Do not freeze

GENE INFORMATION

Gene Name	MUC1 mucin 1, cell surface associated [Homo sapiens]
Official Symbol	MUC1
Synonyms	MUC1; mucin 1, cell surface associated; EMA; MCD; PEM; PUM; KL-6; MAM6; MCKD; PEMT; CD227; H23AG; MCKD1; MUC-1; ADMCKD; ADMCKD1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC; mucin-1; episialin; DF3 antigen; H23 antigen; cancer antigen 15-3; krebs von den Lungen-
Entrez Gene ID	4582
Protein Refseq	NP_001018016
UniProt ID	P15941
Chromosome Location	1q21
Pathway	IL-7 Signaling Pathway; Metabolism of proteins; O-linked glycosylation; O-linked glycosylation of mucins; Post-translational protein modification; Termination of O-glycan biosynthesis;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; p53 binding; protein binding; transcription cofactor activity;