



Magic™ Anti-MUC1 monoclonal antibody, clone N23256 (DCABY-4365)

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

PRODUCT INFORMATION

Antigen Description	CA 15-3 is breast tumor marker. Diagnostic tests measuring the MUC1- glycoprotein are FDA/EU approved including CA 15-3, CA 27-29 and Br assays. Reoccurrence detection of breast cancer by MUC-1 assay can precede confirmation by radiological detection methods by 1-9 months.
Specificity	Human CA15-3
Immunogen	CA 15-3 antibody was raised in Mouse using CA 15-3 antigen from human cell line as the immunogen
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	N23256
Purification	CA 15-3 antibody was purified by Protein G chromatography
Conjugate	Unconjugated
Applications	ELISA Pr*, Immunoassays Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4365 - DCABY-4364
Format	Liquid
Size	250 µg
Buffer	Supplied in liquid form in Phosphate Buffer Saline, pH 7.4

Preservative	None
Storage	Store at 2-8 °C for short term storage. Aliquot and store at -15 °C for long term storage.

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;