



Magic™ Anti-MUC1 monoclonal antibody, clone N302322 (DCABY-4605)

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.
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	N302322
Purification	Protein G column chromatography purified
Conjugate	Unconjugated
Applications	ELISA Pr*, Immunoassays Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4605 - DCABY-4604
Format	Liquid
Size	1 mg
Buffer	PBS buffer, pH 7.4 with 0.1% Na Azide
Preservative	0.1% Sodium Azide

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;