

MUC1 recombinant antibody

Anti-MUC1 [SM3]

CATALOG # AAA71968	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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PRODUCT SYNONYMS

MUC1; Monoclonal Recombinant Antibody; Anti-MUC1 [SM3]; Mucin; MUC1 recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, lambda
Clone Number	SM3
Specificity	Recognizes the under-glycosylated form of human MUC1, a marker of tumours.
Purity/Purification	Protein A Affinity Purified
Form/Format	PBS only with 0.02% Proclin 300.
Concentration	1 mg/mL (varies by lot)
Sequence Length	255
Applicable Applications for MUC1 recombinant antibody	FCM/FACS (Flow Cytometry), Activity Assay, ELISA
Immunogen	Hydrogen fluoride deglycosylated milk mucin.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for MUC1 recombinant antibody	Recombinant monoclonal antibody to MUC1. Manufactured using Recombinant Platform with variable regions (i.e. specificity) from the hybridoma SM3.
Product Categories/Family for MUC1 recombinant antibody	Immunology ; Cancer
References	Burchell J, Gendler S, Taylor-Papadimitriou J, Girling A, Lewis A, Millis R, Lamport D. Cancer Res.1987 Oct 15;47(20):5476-82. PMID:2443241

NCBI AND UNIPROT INFORMATION

NCBI GI #	541680
NCBI GeneID	4582
UniProt Accession #	P15941 ; P13931 ; P15942 ; P17626 ; A5YRV1 ; A6ZID9 ; A6ZIE0 ; B1AVQ8 ; B1AVR0 ; B6ECA1 ; E7ESE5 ; E7EUG9
NCBI Official Full Name	MUC1
NCBI Official Synonym Full Names	mucin 1, cell surface associated

NCBI Official Symbol	MUC1
NCBI Official Synonym Symbols	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
NCBI Protein Information	mucin-1
UniProt Protein Name	Mucin-1
UniProt Gene Name	MUC1
UniProt Synonym Gene Names	PUM; MUC-1; CA 15-3; KL-6; PUM; PEM; EMA; MUC1-NT; MUC1-alpha; MUC1-beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/muc1-recombinant-antibody-clone-sm3-flow-cytometry-elisa/71968>