Mucin 1 (MUC1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Mucin 1 (MUC1), Polyclonal Antibody
Full Product Name	Biotin-Linked Polyclonal Antibody to Mucin 1 (MUC1)
Product Gene Name	anti-MUC1 antibody
Product Synonym Names	CD227; EMA; H23AG; KL-6; PEM; PEMT; PUM; CA15-3; CA153; Cancer antigen 15-3; Carcinoma-associated mucin; Episialin; Peanut-reactive urinary mucin; Polymorphic epithelial mucin
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Concentration	500ug/ml (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against MUC1. It has been selected for its ability to recognize MUC1 in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: MUC1 (MBS2111873) Biotin Conjugated Antibody: MUC1 (MBS2113094)
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Cross Reactivity	Human
Conjugation	Biotin
Product Categories/Family for anti-MUC1 antibody	Tumor Immunity; Infection Immunity; Pulmonology
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-MUC1 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Related Product Information for anti-MUC1 antibody	MBS2113094 is an antibody targeting MUC1. Also known as Biotin-Linked Polyclonal Antibody to Mucin 1 (MUC1). Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-MUC1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MUC1. It may not necessarily be applicable to this product.

NCBI GI #	1714590864
GenBank Nucleotide #	NP_001358947.1
NCBI Official Full Name	mucin-1 isoform 1
Protein Family	Mucin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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