

Anti-MUC1 [SM3] Standard Size Ab00215-23.0

Developed in partnership with Ximbio (www.ximbio.com).

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Lambda

Clone Number: SM3

Alternative Name(s) of Target: Mucin

UniProt Accession Number of Target Protein: P15941

Published Application(s): ELISA; IHC-P, FC, IHC-Fr

Published Species Reactivity: Human

Immunogen: Hydrogen fluoride deglycosylated milk mucin.

Specificity: Recognises the under-glycosylated form of human MUC1, a marker of tumours.

Application Notes: This antibody binds to mucin, a heavily glycosylated protein produced by epithelial cells that forms gels.

Antibody First Published in: Burchell J, Gendler S, Taylor-Papadimitriou J, Girling A, Lewis A, Millis R, Lamport D. Development and characterization of breast cancer reactive monoclonal antibodies directed to the core protein of the human milk mucin. Cancer Res. 1987 Oct 15;47(20):5476-82. [PMID:2443241](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.