Anti-MUC1 [HMFG2] Standard Size Ab00712-1.1

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

Isotype and Format: Mouse IgG1, Lambda
Clone Number: HMFG2
Alternative Name(s) of Target: Muc-1
UniProt Accession Number of Target Protein: P15941
Published Application(s): ELISA, IHC, Imaging
Published Species Reactivity: Human
Immunogen: High-MW glycoprotein of the human milk fat globule.
Specificity: This antibody recognises MUC1, a tumor associated antigen which is expressed in >90% ovarian carcinomas. This antigen is a high molecular weight (M, 80,000-200,000) glycoprotein.
Application Notes: This antibody binds to MUC1, an antigen widely expressed on breast cancer cells. This antibody antibodies react strongly with malignant epithelial cells but not with normal mesothelial or endothelial cells.
Antibody First Published in: Taylor-Papadimitriou Monoclonal antibodies to epithelium-specific components of the human milk fat globule membrane: production and reaction with cells in culture. Int J Cancer. 1981 Jul 15;28(1):17-21. PMID:7309278
Note on publication: Describes the generation and initial characterisation of the specificity of this antibody to breast cancer cells.

Product Form

Size: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
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.

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