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44-1167: Anti-MUC1 Monoclonal Antibody (Clone:IHC623)

Clonality :	Monoclonal
Clone Name :	IHC623
Application :	IHC
Reactivity :	Human
Gene :	MUC1
Gene ID :	4582
Uniprot ID :	P15941
Format :	Purified
Alternative Name :	Mucin-1, MUC-1, Breast carcinoma-associated antigen DF3, Cancer antigen 15-3, CA 15-3, Carcinoma-associated mucin, Episialin, H23AG, Krebs von den Lungen-6, KL-6, PEMT, Peanut-reactive urinary mucin, PUM, Polymorphic epithelial mucin, PEM, Tumor-associated epithelial membrane antigen, EMA, Tumor-associated mucin, CD227, Mucin-1 subunit alpha, MUC1-NT, MUC1-alpha, Mucin-1 subunit beta, MUC1-beta, MUC1-CT, MUC1, PUM

Description

Mucin 1 (MUC1), also known as Epithelial Membrane Antigen (EMA), is a membrane-bound glycoprotein involved in a number of protective and cell-signaling functions, including cell-cell adhesion, proliferation, motility, invasion, and survival. Overexpression of MUC1 is clinically indicated in breast carcinomas, papillary thyroid carcinomas, and thymic carcinomas, and reports have named MUC1 as a useful marker for differentiating thymic carcinoma from type B3 thymoma. The expression of MUC1 is correlated with the grade of malignancy in thymic epithelial tumors, and loss of MUC1 expression has been associated with reactive gastropathy. MUC1 is not expressed in normal human epidermis, but has been detected in the epidermis of psoriatic plaques of biopsies from patients diagnosed with psoriasis vulgaris.

Product Info

Amount :	0.1 ml / 1 ml
Purification :	Protein A/G Chromatography
Storage condition :	Store at 2°C - 8°C.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

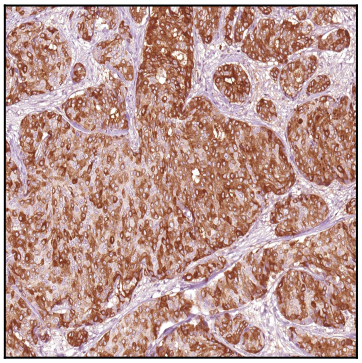


Figure 1: Immunohistochemical analysis of MUC1 (IHC623) on Breast Cancer

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