

Datasheet for ABIN2664412
anti-MUC1 antibody

3 Images



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Overview

Quantity:	100 µg
Target:	MUC1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Intracellular Flow Cytometry (ICFC)

Product Details

Clone:	16A
Isotype:	IgG1 lambda
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	MUC1
Alternative Name:	CD227 (MUC1 Products)
Background:	Mucin-1 (MUC-1), cell surface associated or polymorphic epithelia mucin, is a 500-1000 kD proteoglycan expressed by activated T cells, mucosal epithelial cells, and aberrantly expressed on most breast cancers. In normal cells, CD227 is heavily glycosylated, whereas in cancerous cells, the glycosylation is incomplete and premature sialation is also observed. The protein is anchored to the apical surface of the epithelial cell and functions as a lubricant to keep the cell

Target Details

hydrated and to protect against pathogens. It can also function as a signaling molecule by forming a MUC-1/SOS1/GrB2 complex. MUC-1 can interact with cancer antigens such as Her2/neu.

Pathways: [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

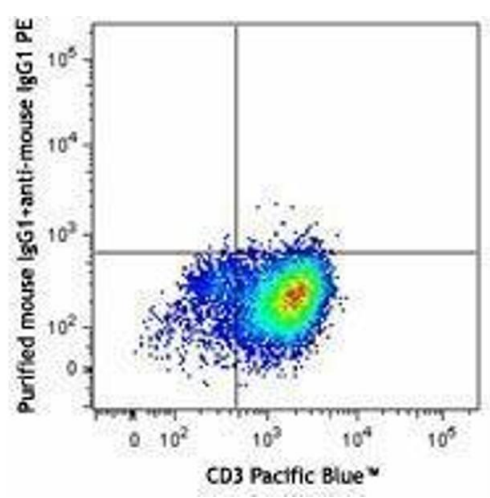
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

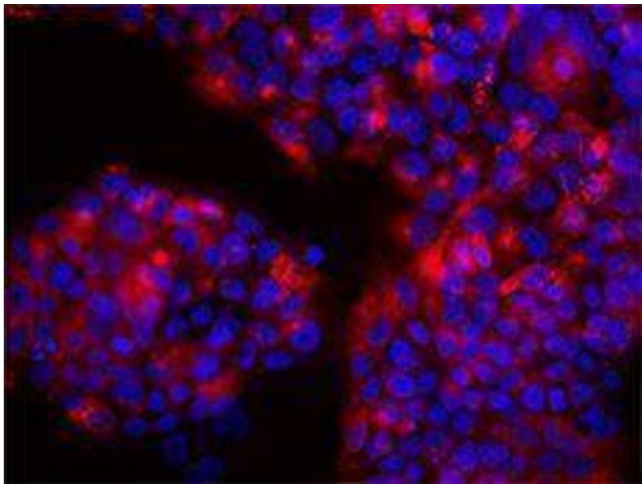
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



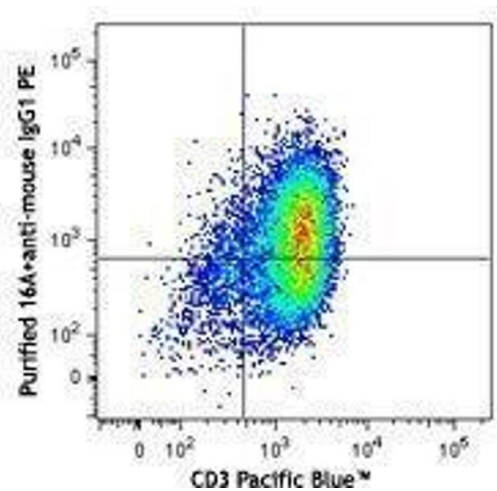
Flow Cytometry

Image 1.



Immunofluorescence

Image 2.



Flow Cytometry

Image 3.