

A Reliable Research Partner in Life Science and Medicine

Recombinant MUC13 Monoclonal Antibody

catalog number: AN301769L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Rat; Mouse

Immunogen Recombinant human MUC13 fragment

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A477

Purification Protein A purified

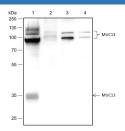
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

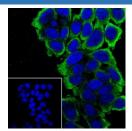
Applications Recommended Dilution

WB 1:500-1:1000

IF 1:50

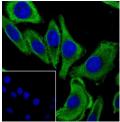
Data





Western Blot with MUC13 Monoclonal Antibody at dilution of Immunofluorescent analysis of (100% Ice-cold methanol) 1:1000. Lane 1: HT-29, Lane 2: Human ovary cancer, Lane fixed HT-29 cells using anti-MUC13 Monoclonal Antibody at 3: Mouse colon, Lane 4: Rat colon dilution of 1:50.

Observed-MW:120, 80, 35 kDa Calculated-MW:55 kDa



Immunofluorescent analysis of (100% Ice-cold methanol) fixed SW480 cells using anti-MUC13 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

Background

For Research Use Only

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Mucin 13 (MUC13) is a high-molecular-weight transmembrane glycoprotein that is frequently and aberrantly expressed in a variety of epithelial carcinomas, including gastric, colorectal, and ovarian cancers. On the basis of the high expression of MUC13 in cancer cells as well as recent laboratory findings suggesting a malignant phenotype of MUC13-transfected cell lines, the oncogenic potential of MUC13 has emerged. The various functional domains of MUC13 may confer oncogenic potential to MUC13. MUC13 exhibits the characteristics suitable as an early marker for cancer screening and presents a promising target for antibody-guided targeted therapy.

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