

Recombinant MUC13 Monoclonal Antibody

catalog number: **AN301769L**

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

Description

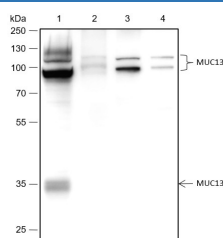
Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human MUC13 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C171391
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:1000
IF	1:50

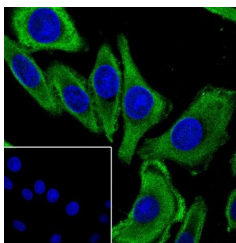
Data



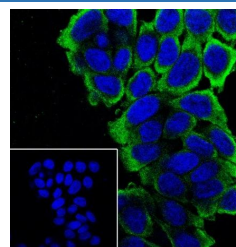
Western Blot with MUC13 Monoclonal Antibody at dilution of 1:1000. Lane 1: HT-29, Lane 2: Human ovary cancer, Lane 3: Mouse colon, Lane 4: Rat colon

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.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HT-29 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	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

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.