

Recombinant MUC1 Monoclonal Antibody

catalog number: AN301606L

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

Description

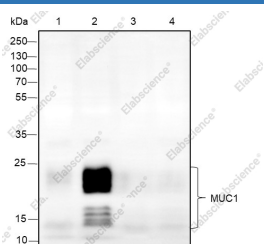
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human MUC1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121229
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:1000
IHC	1:200-1:1000

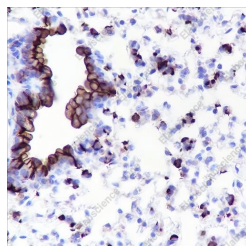
Data



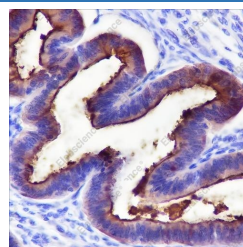
Western Blot with MUC1 Monoclonal Antibody at dilution of 1:1000. Lane 1: MCF-7, Lane 2: T47D, Lane 3: Rat liver, Lane 4: Mouse liver

Observed-MW:24 kDa

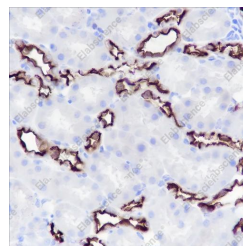
Calculated-MW:17 kDa



Immunohistochemistry of paraffin-embedded Mouse lung using MUC1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human endometrium using MUC1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat kidney using MUC1 Monoclonal Antibody at dilution of 1:1000.

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

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Email: techsupport@elabscience.com

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Rev. V1.2

The alpha subunit has cell adhesive properties. Can act both as an adhesion and an anti-adhesion protein. May provide a protective layer on epithelial cells against bacterial and enzyme attack. The beta subunit contains a C-terminal domain which is involved in cell signaling, through phosphorylations and protein-protein interactions. Modulates signaling in ERK, SRC and NF-kappa-B pathways. In activated T-cells, influences directly or indirectly the Ras/MAPK pathway. Promotes tumor progression. Regulates TP53-mediated transcription and determines cell fate in the genotoxic stress response. Binds, together with KLF4, the PE21 promoter element of TP53 and represses TP53 activity.