

## MUC1 Antibody

Catalog No: #37857

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## Description

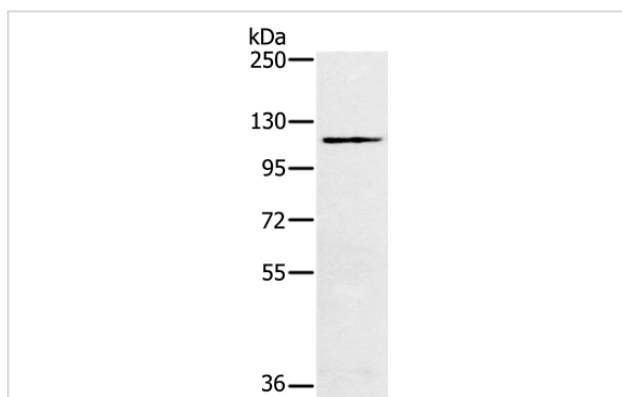
Product Name	MUC1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MUC1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human mucin 1, cell surface associated
Target Name	MUC1
Other Names	EMA; MCD; PEM; PUM; KL-6; MAM6; MCKD; PEMT; CD227; H23AG; MCKD1; MUC-1; ADMCKD; ADMCKD1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC
Accession No.	Swiss-Prot#: P15941NCBI Gene ID: 4582Gene Accssion: NP_001018016/P15941
Uniprot	P15941
GeneID	4582;
SDS-PAGE MW	122kd
Concentration	3.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

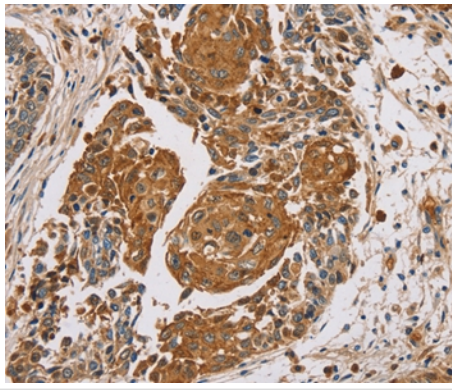
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:300

## Images



Gel: 6%SDS-PAGE  
 Lysate: 40ug HT-29 cell  
 Primary antibody: 1/200 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #37857 at dilution 1/45.

## Background

This gene encodes a membrane-bound protein that is a member of the mucin family. Mucins are O-glycosylated proteins that play an essential role in forming protective mucous barriers on epithelial surfaces. These proteins also play a role in intracellular signaling. This protein is expressed on the apical surface of epithelial cells that line the mucosal surfaces of many different tissues including lung, breast stomach and pancreas. This protein is proteolytically cleaved into alpha and beta subunits that form a heterodimeric complex. The N-terminal alpha subunit functions in cell-adhesion and the C-terminal beta subunit is involved in cell signaling.?

Note: This product is for in vitro research use only