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# anti-MUC2 antibody (AA 569-657)

3 Images



Go to Product page

# Overview

Quantity:	100 μg
Target:	MUC2
Binding Specificity:	AA 569-657
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), ELISA

# **Product Details**

Immunogen:	Recombinant Human Mucin-20 protein (569-657AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	MUC2
Alternative Name:	MUC2 (MUC2 Products)
Background:	Background: May regulate MET signaling cascade. Seems to decrease hepatocyte growth
	factor (HGF)-induced transient MAPK activation. Blocks GRB2 recruitment to MET thus

## **Target Details**

suppressing the GRB2-RAS pathway. Inhibits HGF-induced proliferation of MMP1 and MMP9	
expression.	

Aliases: MUC 20 antibody, MUC-20 antibody, Muc20 antibody, MUC20\_HUMAN antibody, Mucin 20 antibody, Mucin 20, cell surface associated antibody, Mucin-20 antibody, Transmembrane mucin MUC20S antibody

UniProt:

Q8N307

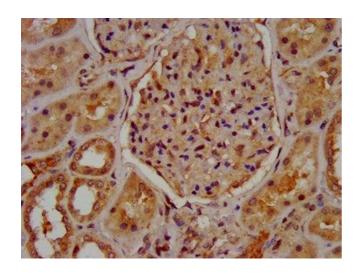
# **Application Details**

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:200-1:500,
Restrictions:	For Research Use only

# Handling

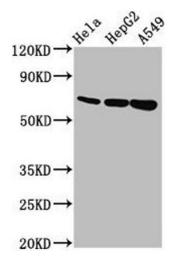
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

# **Images**



## **Immunohistochemistry**

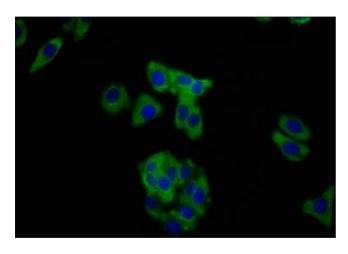
Image 1. IHC image of ABIN7160289 diluted at 1:600 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and



visualized using an HRP conjugated SP system.

## **Western Blotting**

**Image 2.** Western Blot Positive WB detected in: Hela whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate All lanes: MUC20 antibody at  $5.6 \,\mu\text{g/mL}$  Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 72, 69 kDa Observed band size: 72 kDa



#### **Immunofluorescence**

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7160289 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).