Datasheet for ABIN3028849

anti-MUC20 antibody (AA 61-90)

3 Images

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Overview

Quantity:	0.4 mL
Target:	MUC20
Binding Specificity:	AA 61-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC20 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 61-90 from the human protein was used as the immunogen for this MUC20 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	MUC20
Alternative Name:	MUC20 (MUC20 Products)
Background:	MUC20 may regulate MET signaling cascade. Seems to decrease hepatocyte growth factor (HGF)-induced transient MAPK activation. Blocks GRB2 recruitment to MET thus suppressing the GRB2-RAS pathway. Inhibits HGF-induced proliferation of MMP1 and MMP9 expression.

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Target Details

	[UniProt]
UniProt:	Q8N307

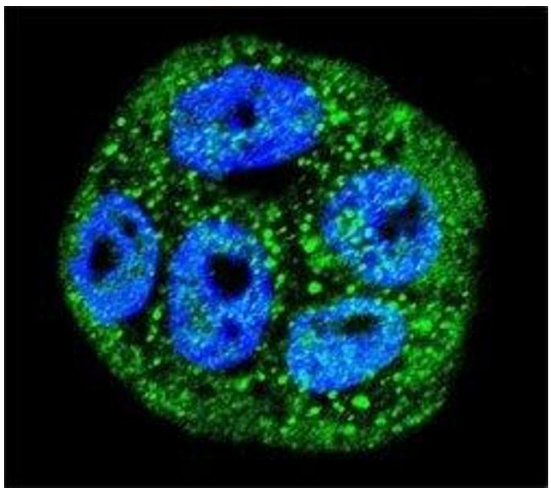
Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the MUC20 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:10-1:50
Restrictions:	For Research Use only

Handling

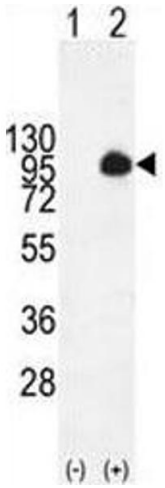
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the MUC20 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



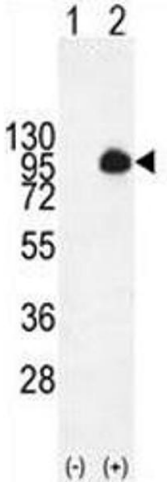
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of MUC20 antibody with WiDr cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Western Blotting

Image 2. Western blot analysis of MUC20 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MUC20 gene (2).



Western Blotting

Image 3. Western blot analysis of MUC20 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MUC20 gene (2).