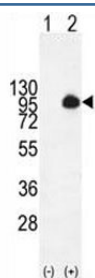


MUC20 Antibody (F40163)

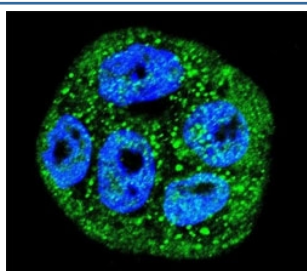
Catalog No.	Formulation	Size
F40163-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40163-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q8N307
Applications	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50
Limitations	This MUC20 antibody is available for research use only.



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).



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).

Description

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. [UniProt]

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.

Immunogen

A portion of amino acids 61-90 from the human protein was used as the immunogen for this MUC20 antibody.

Storage

Aliquot the MUC20 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.