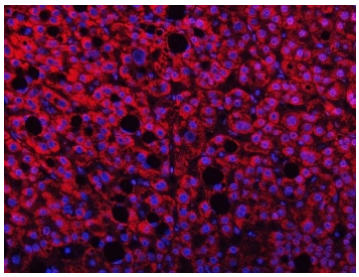
TMPRSS13 Antibody (RQ7481)

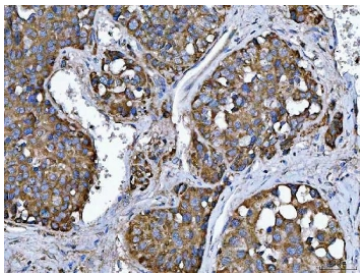
Catalog No.	Formulation	Size
RQ7481	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

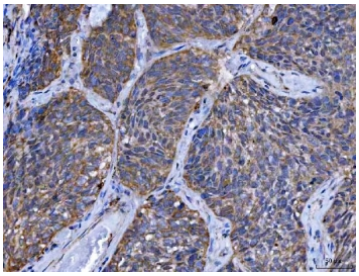
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9BYE2
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This TMPRSS13 antibody is available for research use only.



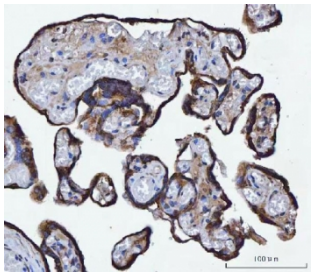
Immunofluorescent staining of FFPE human liver cancer tissue with TMPRSS13 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



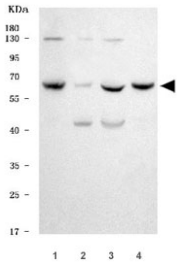
IHC staining of FFPE human liver cancer tissue with TMPRSS13 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



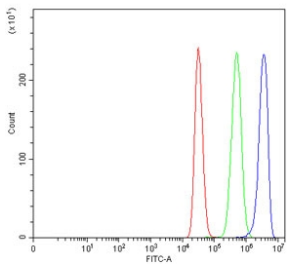
IHC staining of FFPE human esophageal squamous carcinoma tissue with TMPRSS13 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



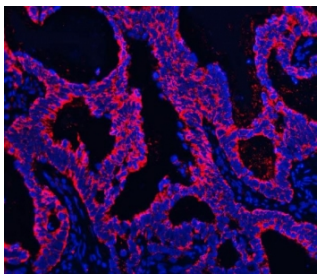
IHC staining of FFPE human placental tissue with TMPRSS13 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) LNCaP, 2) T-47D, 3) MCF7 and 4) A431 cell lysate with TMPRSS13 antibody. Predicted molecular weight ~63 kDa.



Flow cytometry testing of human MCF7 cells with TMPRSS13 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TMPRSS13 antibody.



Immunofluorescent staining of FFPE human intestinal cancer tissue with TMPRSS13 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.

Description

This gene encodes Transmembrane protease serine 13, a member of the type II transmembrane serine protease family. Transmembrane protease serine 13 contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Transmembrane serine proteases are regulated by protease inhibitors and known to function in development, homeostasis, infection, and tumorigenesis. This protein facilitates entry of viruses into host cells by proteolytically cleaving and activating viral envelope glycoproteins.

Application Notes

Optimal dilution of the TMPRSS13 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R118-L572) was used as the immunogen for the TMPRSS13 antibody.

Storage

After reconstitution, the TMPRSS13 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.