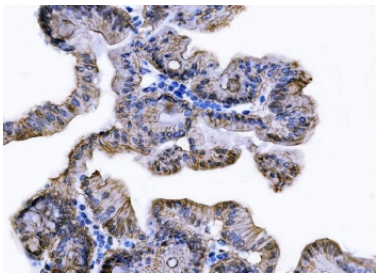
Tspan8 Antibody (RQ6216)

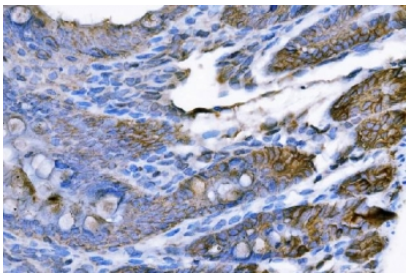
Catalog No.	Formulation	Size
RQ6216	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

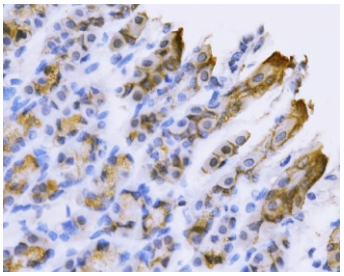
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	Q8R3G9
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml Immunofluorescence: 5ug/ml
Limitations	This Tspan8 antibody is available for research use only.



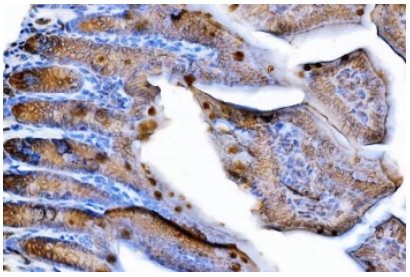
IHC staining of FFPE mouse stomach with Tspan8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



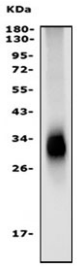
IHC staining of FFPE mouse colon with Tspan8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



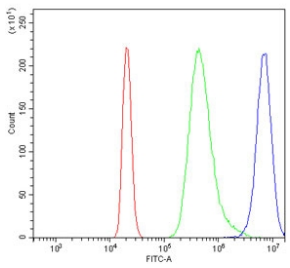
IHC staining of FFPE rat stomach with Tspan8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



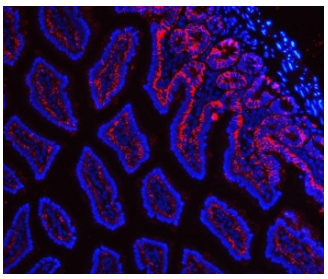
IHC staining of FFPE rat colon with Tspan8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



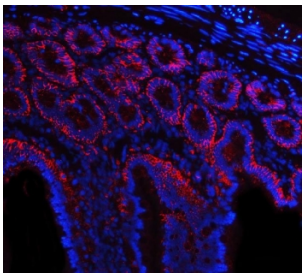
Western blot testing of mouse stomach lysate with Tspan8 antibody. Expected molecular weight: 26-34 kDa depending on glycosylation level.



Flow cytometry testing of mouse RAW264.7 cells with Tspan8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Tspan8 antibody.



Immunofluorescent staining of FFPE mouse intestinal tissue with Tspan8 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Immunofluorescent staining of FFPE rat intestinal tissue with Tspan8 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

Tetraspanin-8 is a protein that in humans is encoded by the TSPAN8 gene. The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This gene is expressed in different carcinomas. The use of alternate polyadenylation sites has been found for this gene.

Application Notes

Optimal dilution of the Tspan8 antibody should be determined by the researcher.

Immunogen

A mouse recombinant partial protein (amino acids A108-N203) was used as the immunogen for the Tspan8 antibody.

Storage

After reconstitution, the Tspan8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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