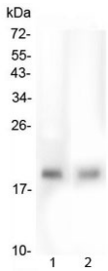
TMEM166 Antibody / EVA1A (RQ4951)

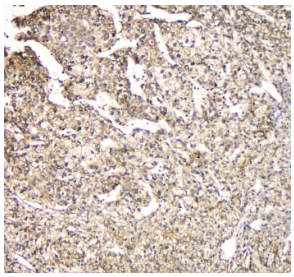
Catalog No.	Formulation	Size
RQ4951	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

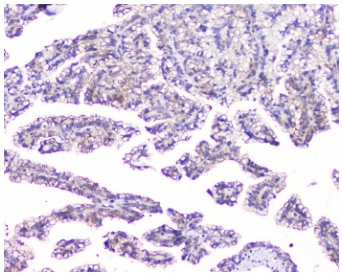
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9H8M9
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 1-2ug/ml Flow Cytometry: 1-3ug/10^6 cells
Limitations	This TMEM166 antibody is available for research use only.



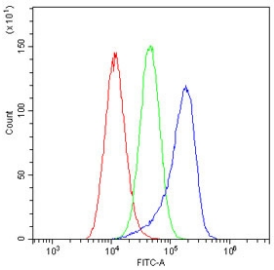
Western blot testing of human 1) HepG2 and 2) PC-3 lysate with TMEM166 antibody at 0.5ug/ml. Predicted molecular weight ~17 kDa.



IHC staining of FFPE human liver cancer with TMEM166 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



IHC staining of FFPE human renal cancer with TMEM166 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Flow cytometry testing of human A549 cells with TMEM166 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TMEM166 antibody.

Description

Eva-1 homolog A (C. elegans) is a protein that in humans is encoded by the EVA1A gene. It belongs to the FAM176 family. This gene is mapped to 2p12. EVA1A, also called TMEM166, acts as a regulator of programmed cell death, mediating both autophagy and apoptosis.

Application Notes

Optimal dilution of the TMEM166 antibody should be determined by the researcher.

Immunogen

Amino acids MRLPLSHSPEHVEMALLSNILAAYSFVSENPERA from the human protein were used as the immunogen for the TMEM166 antibody.

Storage

After reconstitution, the TMEM166 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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