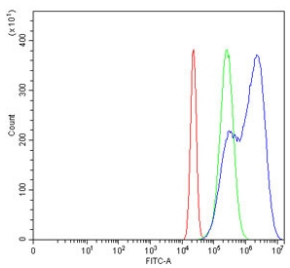
Mutated in Colorectal Cancers Antibody / MCC (RQ6655)

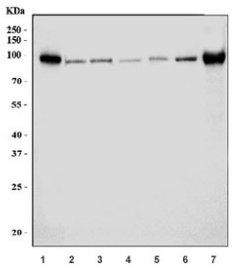
Catalog No.	Formulation	Size
RQ6655	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
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	P23508
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Mutated in Colorectal Cancers antibody is available for research use only.



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



Western blot testing of 1) human U-87 MG, 2) human HEK293, 3) human HeLa, 4) rat brain, 5) rat lung, 6) mouse brain and 7) mouse lung tissue lysate with Mutated in Colorectal Cancers antibody. Predicted molecular weight ~91 kDa.

Description

MUTATED IN COLORECTAL CANCERS (MCC) is a tumor suppressor gene. It is mapped to 5q22.2. This gene suppresses cell proliferation and the Wnt/b-catenin pathway in colorectal cancer cells. MCC also Inhibits DNA binding of b-catenin/TCF/LEF transcription factors, and it is Involved in cell migration independently of RAC1, CDC42 and p21-activated kinase (PAK) activation. What's more, MCC can interact with SCRIB (via phosphorylated PDZ-binding motif), EZR, SNX27, SLC9A3R1 and SLC9A3R2.

Application Notes

Optimal dilution of the Mutated in Colorectal Cancers antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-E234) was used as the immunogen for the Mutated in Colorectal Cancers antibody.

Storage

After reconstitution, the Mutated in Colorectal Cancers 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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