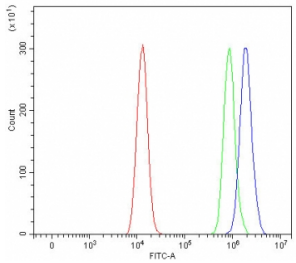
SMCR8 Antibody / Smith-Magenis syndrome chromosomal region candidate gene 8 protein (RQ7945)

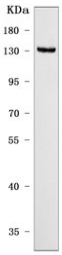
Catalog No.	Formulation	Size
RQ7945	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q8TEV9
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This SMCR8 antibody is available for research use only.



Flow cytometry testing of human HEL cells with SMCR8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SMCR8 antibody.



Western blot testing of human 293T cell lysate with SMCR8 antibody. Predicted molecular weight ~105 kDa but has been observed to migrate at higher molecular weights.

Description

Enables protein kinase binding activity and protein kinase inhibitor activity. Contributes to guanyl-nucleotide exchange factor activity. Involved in negative regulation of macromolecule metabolic process; regulation of TOR signaling; and regulation of macroautophagy. Located in chromatin; cytoplasm; and nucleoplasm. Part of guanyl-nucleotide exchange factor complex. Colocalizes with Atg1/ULK1 kinase complex.

Application Notes

Optimal dilution of the SMCR8 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D86-D776) was used as the immunogen for the SMCR8 antibody.

Storage

After reconstitution, the SMCR8 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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