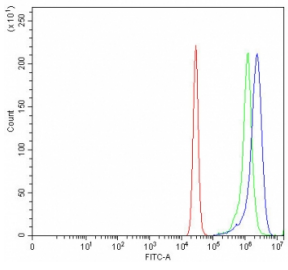
AHCYL1 Antibody / IRBIT [clone 2E7D9] (RQ7643)

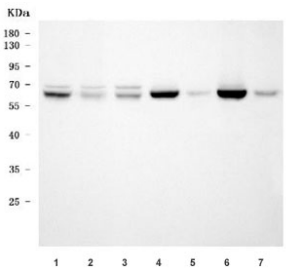
Catalog No.	Formulation	Size
RQ7643	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	2E7D9
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O43865
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This AHCYL1 antibody is available for research use only.



Flow cytometry testing of human K562 cells with AHCYL1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= AHCYL1 antibody.



Western blot testing of 1) human HeLa, 2) human 293T, 3) human MCF7, 4) rat brain, 5) rat pancreas, 6) mouse brain and 7) mouse pancreas tissue lysate with AHCYL1 antibody. Predicted molecular weight ~59 kDa.

Description

Putative adenosylhomocysteinase 2 is an enzyme that in humans is encoded by the AHCYL1 gene. The protein encoded by this gene interacts with inositol 1,4,5-trisphosphate receptor, type 1 and may be involved in the conversion of S-adenosyl-L-homocysteine to L-homocysteine and adenosine. Several transcript variants encoding two different isoforms have been found for this gene.

Application Notes

Optimal dilution of the AHCYL1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E14-K57) was used as the immunogen for the AHCYL1 antibody.

Storage

After reconstitution, the AHCYL1 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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