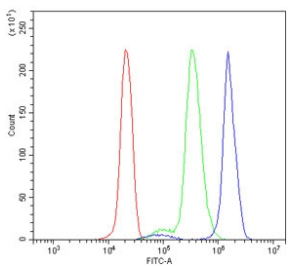
BHMT Antibody (RQ6163)

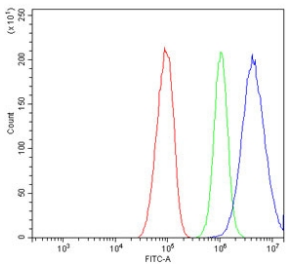
Catalog No.	Formulation	Size
RQ6163	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

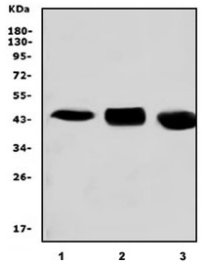
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	Q93088
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This BHMT antibody is available for research use only.



Flow cytometry testing of human U937 cells with BHMT antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= BHMT antibody.



Flow cytometry testing of human HepG2 cells with BHMT antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= BHMT antibody.



Western blot testing of 1) rat liver, 2) mouse liver and 3) monkey liver lysate with BHMT antibody. Predicted molecular weight: ~45 kDa.

Description

This gene encodes 'Betaine--homocysteine S-methyltransferase 1,' a cytosolic enzyme that catalyzes the conversion of betaine and homocysteine to dimethylglycine and methionine, respectively. Defects in this gene could lead to hyperhomocyst(e)inemia, but such a defect has not yet been observed.

Application Notes

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

Immunogen

A human recombinant partial protein (amino acids E80-Q406) was used as the immunogen for the BHMT antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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