

# Product Datasheet

## **BHMT Antibody (9E1)** **NBP2-75418**

Unit Size: 100  $\mu$ l

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-75418**

BHMT Antibody (9E1)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	9E1
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH7.4), 0.2% BSA, 50% Glycerol
<b>Target Molecular Weight</b>	45 kDa

**Product Description**

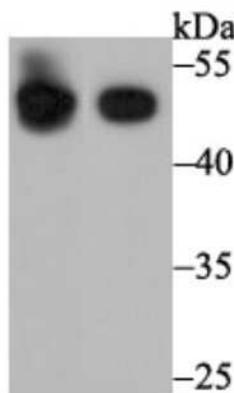
<b>Host</b>	Mouse
<b>Gene Symbol</b>	BHMT
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
<b>Immunogen</b>	Recombinant protein with Human BHMT aa 250-406 / 406. (SwissProt: Q93088 Human; SwissProt: 329582 Mouse; SwissProt: O09171 Rat)

**Product Application Details**

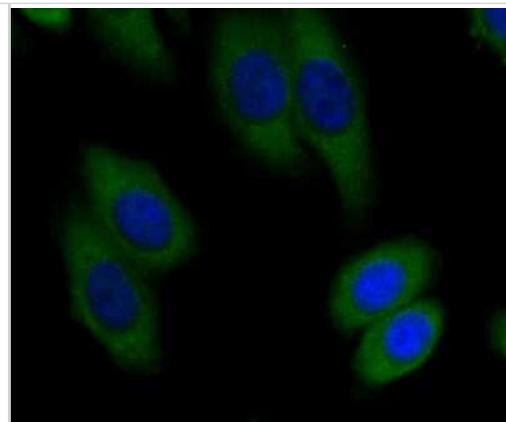
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

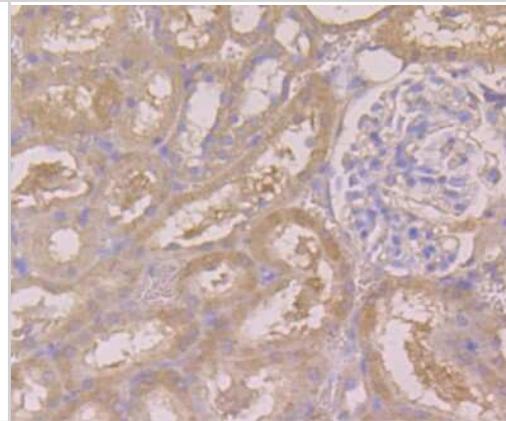
Western Blot: BHMT Antibody (9E1) [NBP2-75418] - Analysis of BHMT on human liver tissue and human kidney tissue lysate using anti-BHMT antibody at 1/1,000 dilution.



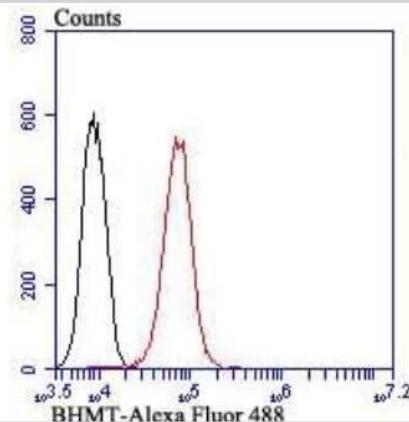
Immunocytochemistry/Immunofluorescence: BHMT Antibody (9E1) [NBP2-75418] - Staining BHMT (green) in HepG2 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



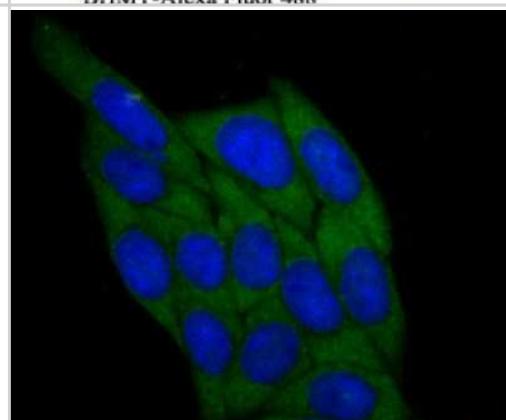
Immunohistochemistry-Paraffin: BHMT Antibody (9E1) [NBP2-75418] - Analysis of paraffin-embedded rat kidney tissue using anti-BHMT antibody. Counter stained with hematoxylin.



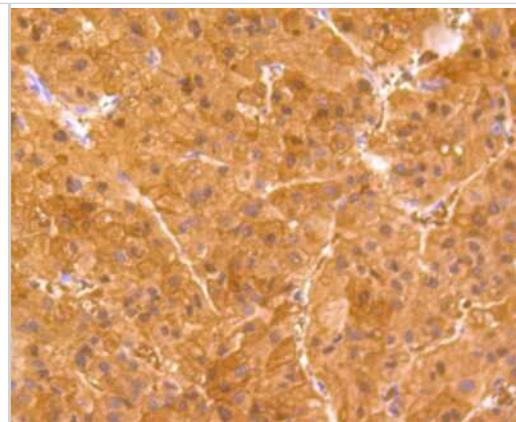
Flow Cytometry: BHMT Antibody (9E1) [NBP2-75418] - Analysis of HepG2 cells with BHMT antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-mouse IgG1 was used as the secondary antibody.



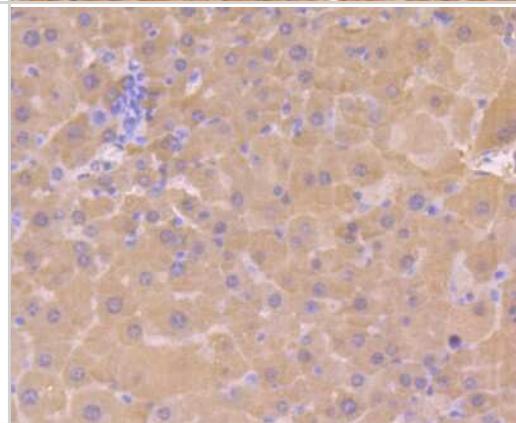
Immunocytochemistry/Immunofluorescence: BHMT Antibody (9E1) [NBP2-75418] - Staining BHMT (green) in SiHa cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: BHMT Antibody (9E1) [NBP2-75418] - Analysis of paraffin-embedded human liver tissue using anti-BHMT antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: BHMT Antibody (9E1) [NBP2-75418] - Analysis of paraffin-embedded mouse liver tissue using anti-BHMT antibody. Counter stained with hematoxylin.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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