

## Mouse Monoclonal Antibody to BHMT

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|--------------------------------|---|
| <b>Catalogue Number</b>        | sAP-0234  |
| <b>Target Molecule</b>         | <b>Name:</b> BHMT<br><b>Aliases:</b> BHMT<br><b>MW:</b> N/A<br><b>Entrez Gene ID:</b> 635   |
| <b>Description</b>             | BHMT: betaine-homocysteine methyltransferase. This protein is 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. |
| <b>Immunogen</b>               | Purified recombinant fragment of BHMT expressed in E. Coli.   |
| <b>Recombinant Species</b>     | Human   |
| <b>Clone</b>                   | MM8C11H5;   |
| <b>Size and Concentration</b>  | 100µg/1mg/ml  |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.   |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage  |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000  |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)  |
| <b>Reference</b>               | 1. Genome Res. 2004 Oct;14(10B):2121-7. ; 2. Biochem J. 2007 Jan 1;401(1):87-96.  |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**