

## 32-5947: Mouse Anti Human Betaine Homocysteine S-Methyltransferase(Clone:P3D6AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P3D6AT.
<b>Application :</b>	ELISA ,WB
<b>Gene :</b>	BHMT2
<b>Gene ID :</b>	23743
<b>Uniprot ID :</b>	Q9H2M3
<b>Format :</b>	Purified
<b>Alternative Name :</b>	BHMT,Betaine Homocysteine S-Methyltransferase 1,BHMT1.
<b>Isotype :</b>	Mouse IgG2a heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human BHMT mAb is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human BHMT amino acids 1-406 purified from E. coli.

### Description

Betaine-homocysteine methyltransferase (BHMT) is a cytosolic enzyme that catalyzes the conversion of betaine and homocysteine to dimethylglycine and methionine, respectively. BHMT displays differential expression in a model of liver cirrhosis.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	BHMT antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

### Application Note

BHMT antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.