

### 32-5934: Mouse Anti Human Heat Shock Protein 90kDa Beta (GRP94) Member 1(Clone:P2H3AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P2H3AT.
<b>Application :</b>	ELISA,WB,FACS
<b>Gene :</b>	HSP90B1
<b>Gene ID :</b>	7184
<b>Uniprot ID :</b>	P14625
<b>Format :</b>	Purified
<b>Alternative Name :</b>	ECGP,GP96,TRA1,GRP94,HSP90B1,Endoplasmic,Heat shock protein 90 kDa beta member 1,94 kDa glucose-regulated protein,gp96 homolog,Tumor rejection antigen 1.
<b>Isotype :</b>	Mouse IgG2a heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human HSP90B1 mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human HSP90B1 amino acids 676-803 purified from E. coli.

#### Description

HSP90B1 is an abundant molecular chaperone resident endoplasmic reticulum (ER) lumenal stress protein which is part of the Hsp90 family. HSP90B1 is involved in maintaining protein homeostasis in the secretory pathway as well as functioning in the intracellular trafficking of peptides from the extracellular space to the MHC class I antigen processing pathway of antigen presentation cells. HSP90B1 has key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90B1 protein associates with numerous cochaperones and involved in folding of newly synthesized proteins or stabilizing and refolding denatured proteins after stress. HSP90B1 is highly expressed in human gastric carcinoma BGC-823 cells during the whole cell cycle.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	HSP90B1 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

HSP90B1 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 Immunofluorescence analysis is 1:100 ~ 1:200. Recommended starting dilution is 1:100.