

CPAB0282

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## Product Information

**Size:**

5µg

**Applications:**

Western Blot, Immunofluorescence, ELISA

**Reactivity:**

Human

**Source:**

Mouse

**Isotype:**

IgG2a

**Purification Method:**

HSP90B1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.

**Protein Background:**

HSP90B1 is an abundant molecular chaperone resident endoplasmic reticulum (ER) luminal 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.

**Synonyms:**

ECGP, GP96, TRA1, GRP94, HSP90B1, Endoplasmin, Heat shock protein 90 kDa beta member 1, 94 kDa glucose-regulated protein, gp96 homolog, Tumor rejection antigen 1.

**Immunogen:**

Anti-human HSP9B1 mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human HSP9B1 amino acids 676-83 purified from Ecoli.

**Storage:**

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.