

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

BIP Monoclonal Antibody (Clone AT3D2)

单克隆抗体

产品货号: MA01116

第三版

**免疫原:** Recombinant human BIP (20-650aa) purified from Baculo virus.

**亚型:** IgG1,k

**克隆:** Anti-human BIP mAb, clone AT3D2, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human BIP protein.

**描述:** Binding immunoglobulin protein (BIP) also known as 78kDa glucose-regulated protein (GRP-78) or heat shock 70kDa protein 5 (HSPA5) is a HSP70 molecular chaperone located in the lumen of the endoplasmic reticulum (ER) that binds newly synthesized proteins as they are translocated into the ER, and maintains them in a state competent for subsequent folding and oligomerization. BIP is also an essential component of the translocation machinery, as well as playing a role in retrograde transport across the ER membrane of aberrant proteins destined for degradation by the proteasome. BIP is an abundant protein under all growth conditions, but its synthesis is markedly induced under conditions that lead to the accumulation of unfolded polypeptides in the ER.

**配方:** Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.

**浓度:** 1 mg/mL

**保存:** +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.

**应用:** ELISA, WB, ICC/IF