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**Anti-human 3' Huntingtin Interacting Protein 1 (HIP-1), mouse monoclonal**

Catalog Number : 905-134

Quantity : 100 µg

**Introduction:** Huntingtin interacting protein 1 (HIP-1) is a 116 kDa cytosolic protein. It acts as a co-factor in clathrin-mediated endocytosis<sup>1,2</sup>. HIP-1 is a prognostic marker for breast, prostate and colorectal cancer. It is an especially effective marker for prostate cancer, where differences in tissue are often difficult to detect. Lack of tissue HIP-1 expression has been shown to provide a survival advantage in prostate cancer patients<sup>3</sup>. In addition, the degree of tissue HIP-1 staining is correlated with tumor aggressiveness and patient survival. HIP-1 also has oncogenic properties and can transform certain types of fibroblasts<sup>4</sup>. HIP-1 expression promotes cell proliferation and increases cell density.

**Immunogen:** Recombinant carboxyl terminal half of the full-length protein (antigen is 65-kDa).

**Clone:** 1B11

**Subclass:** mouse IgG<sub>1</sub>

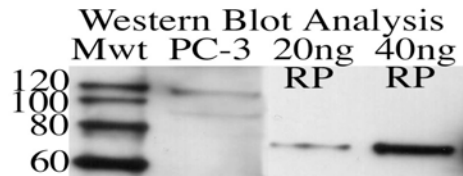
**Purification:** Protein G

**Form:** 1 mg/mL concentration in PBS with 0.01% Sodium Azide

**Stability:** Two years at -20 °C

**For Research Use Only; Not for Therapeutic or Diagnostic Use.**

**Application:** This antibody is suitable for ELISA, WB and IHC applications. It can be used for Western blotting at a recommended concentration of 0.125 µg/mL. However, the optimal dilution must be determined by the end-user.



**Specificity:** Reacts with both mouse and human HIP-1.

- References:**
1. D.S. Rao, et al., Mol. Cell. Biol., (2001) 21(22):7796-806.
  2. V. Legendre-Guillemin, et al., J. Biol. Chem., (2002) 277(22):19897-904. Epub 2002 Mar 11.
  3. D.S. Rao, et al., J. Clin. Invest., (2002) 110(3):351-60.
  4. T.S. Ross and D.G. Gilliland, J. Biol. Chem., (1999) 274(32):22328-36.
  5. D.S. Rao, et al., Cancer Cell, (2003) 3:471-482.