

Datasheet

HIP1 monoclonal antibody (M01), clone 1F12

Catalog Number: H00003092-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant HIP1.

Clone Name: 1F12

Immunogen: HIP1 (NP_005329, 928 a.a. ~ 1037 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

DSPNLAQLQQASRGVQNQATAGVVASTISGKSQIEETD
NMFSSMTLTQIKRQEMDSQVRVLELENELQKERQKL
GELRKKHYELAGVAEGWEEGTEASPPTLQEVVTEKE

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, IP, S-ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3092

Gene Symbol: HIP1

Gene Alias: ILWEQ, MGC126506

Gene Summary: The product of this gene is a membrane-associated protein that colocalizes with huntingtin. This protein has similarities to cytoskeleton

proteins and its interaction with huntingtin is thought to play a functional role in the cell filament network. Loss of normal huntingtin-HIP1 interaction in Huntington disease may contribute to a defect in membrane-cytoskeletal integrity in the brain. This gene could help in the understanding of the normal function of huntingtin and also the pathogenesis of Huntington disease. It also has been implicated in the pathogenesis of hematopoietic malignancies. An alternative splice variant of this gene has been described but its full length sequence has not been determined. [provided by RefSeq]