

Datasheet

PIK3CB monoclonal antibody (M01), clone 4H2

Catalog Number: H00005291-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant PIK3CB.

Clone Name: 4H2

Immunogen: PIK3CB (NP_006210, 147 a.a. ~ 256 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

EFRRKMRKFSEEKILSLVGLSWMDWLKQTYPPPEHPS
IPENLEDKLYGGKLIVAVHFENCQDVFSFQVSPNMNPI
KVNELAIQKRLTIHGKEDEVSPYDYVLQVSGRVEY

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, PLA-Ce, WB-Re
(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: 5291

Gene Symbol: PIK3CB

Gene Alias: DKFZp779K1237, MGC133043, PI3K, PI3KCB, PI3Kbeta, PIK3C1, p110-BETA

Gene Summary: Phosphoinositide 3-kinases (PI3Ks) phosphorylate the 3-prime OH position of the inositol ring of inositol lipids. They have been implicated as

participants in signaling pathways regulating cell growth by virtue of their activation in response to various mitogenic stimuli. PI3Ks are composed of a 110-kD catalytic subunit, such as PIK3CB, and an 85-kD adaptor subunit (Hu et al., 1993 [PubMed 8246984]). [supplied by OMIM]