

Datasheet

PI3 monoclonal antibody (M03), clone 3C4

Catalog Number: H00005266-M03

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant PI3.

Clone Name: 3C4

Immunogen: PI3 (AAH10952, 1 a.a. ~ 117 a.a)
full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MRASSFLIVVFLIAGTLVLEAAVTGVPVKGQDTVKGR
VPFNGQDPVKGQVSVKGQDKVKAQEPVKGPVSTKPG
SCPIILIRCAMLNPPNRCLKDTCPGIKKCCEGSCGMA
CFVPQ

Host: Mouse

Reactivity: Human

Applications: ELISA, 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: IgG1 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: 5266

Gene Symbol: PI3

Gene Alias: ESI, MGC13613, SKALP, WAP3, WFDC14, cementoin

Gene Summary: This gene encodes an elastase-specific inhibitor that functions as an

antimicrobial peptide against Gram-positive and Gram-negative bacteria. The protein contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the centromeric cluster. Expression of this gene is upregulated by bacterial lipopolysaccharides and cytokines. [provided by RefSeq]