

Datasheet

SYMPK monoclonal antibody (M03), clone 4C2

Catalog Number: H00008189-M03

Regulatory Status: For research use only (RUO)

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

Clone Name: 4C2

Immunogen: SYMPK (AAH30214, 1 a.a. ~ 533 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MASGSGDSVTRRSVASQFFTQEEGPGIDGTTSERV
VDLLNQAALITNDSKITVLKQVQELIINKDPTLLDNFLDEI
IAFQADKSIEVRKVFVIGFIEEACKRDIELLLKLIANLNMMLL
RDENVNVVKKAILTMTQLYKVALQWMVKSRSVISELQE
ACWDMVSAMAGDIILLDSDNDGIRTHAIKFVEGLIVTL
SPRMADSEIPRRQEHDISLDRIPRDHPYIQYNVLWEEG
KAALEQLLKFMVHPAISSINLTTALGSLANIARQRPMFM
SEVIQAYETLHANLPPTLAKSQVSSVRKNLKLHLLSVLK
HPASLEFQAQITLLVDLQAEIARNMPSSKDTRKR
PRDDSDTLKMKLEPNLGEDDEDKDLEPGPSGTSKA
SAQISGQSDTDITAEFLQPLLPDNLVANLVLISMVYLPE
AMPASFQAIYTPVESAGTEAQIKHLARLMATQMTAAGL
GPGVEQTKQCKEPEKKEEVVKTESVLIKRRLSAQGQAI
SVVGSLSMSPLEEEAPQAKRRPEIIPVTQPR

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, S-ELISA, 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: 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: 8189

Gene Symbol: SYMPK

Gene Alias: FLJ27092, SPK, SYM

Gene Summary: This gene encodes a nuclear protein that functions in the regulation of polyadenylation and promotes gene expression. The protein forms a high-molecular weight complex with components of the polyadenylation machinery. It is thought to serve as a scaffold for recruiting regulatory factors to the polyadenylation complex. It also participates in 3'-end maturation of histone mRNAs, which do not undergo polyadenylation. The protein also localizes to the cytoplasmic plaques of tight junctions in some cell types. [provided by RefSeq]