

BUB3 Antibody

*BUB3, Mouse Anti Human
ABM0064*

Product Overview

Name BUB3 Antibody

Description

BUB3, Mouse Anti Human

Synonyms

BUB3L, hBUB3, Mitotic checkpoint protein BUB3.

Introduction

Mitotic checkpoint protein BUB3,(BUB3), is a saved component of the mitotic spindle assembly complex (MCC). The encoded protein has 4 WD repeat domains and has a similar sequence as the yeast BUB3 protein. BUB3 is vital for the kinetochore localization of BUB1 and BUBR1. BUB3 participates in the central spindle checkpoint pathway that operates during early embryogenesis. Furthermore BUB3 has a part in regulating the establishment of correct kinetochore-microtubule attachments.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

BUB3 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SGLVPRGSH MGS MTGSNEF KLNQPPEDGI SSVKFSPNTS QFLLVSSWDT SVRLYDVPAN
SMRLKYQHTG AVLDCAFYDP THAWSGGLDH QLKMHDLNTD QENLVGTHDA PIRCVEYCPE VNVMTGSDW
QTVKLWDPRT PCNAGTFSQP EKVYTLVSG DRLIVGTAGR RVLVWDLRNM GYVQQRRESS LKYQTRCIRA
FPNKQGYVLS SIEGRVAVEY LDPSPEVQKK KYAFKCHRLK ENNIEQIYPV NAISFHNIHN TFATGGSDGF
VNIWDPFNKK RLCQFHRYPT SIASLAFSND GTTLAIASSY MYEMDDTEHP EDGIFIRQVT DAETKPKSPC T.

Precautions

BUB3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.