

MB0617
INCENP Antibody



- 50ul
- 100 uL

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Description:

Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Acts as a scaffold regulating CPC localization and activity. The C-terminus associates with AURKB or AURKC, the N-terminus associated with BIRC5/survivin and CDCA8/borealin tethers the CPC to the inner centromere, and the microtubule binding activity within the central SAH domain directs AURKB/C toward substrates near microtubules. The flexibility of the SAH domain is proposed to allow AURKB/C to follow substrates on dynamic microtubules while ensuring CPC docking to static chromatin (By similarity). Activates AURKB and AURKC. Required for localization of CBX5 to mitotic centromeres. Controls the kinetochore localization of BUB1.

Uniprot : Q9NQS7

Alternative Names:

binds and activates aurora B and C in vivo and in vitro; Chromosomal passenger protein; INCE_HUMAN; INCENP; Inner centromere protein; Inner centromere protein antigens 135/155kDa; Inner centromere protein antigens 135kD 155kD; Inner centromere protein INCENP;

Specificity:

INCENP antibody detects endogenous levels of total INCENP.

Reactivity : Human

Source : Mouse

Mol.Wt. : 105.4kD; 105kDa(Calculated).

Storage Condition:

Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB,IHC,IF/ICC,ELISA,FCM

Recommended dilution

WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500 ELISA 1: 2000 FCM 1: 50