

CENPE monoclonal antibody, clone CENP-E.1H12

Catalog # MAB8966

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis in Lane 1: mitotic HeLa cell lysate and Lane 2: mitotic Jurkat cell lysate with CENPE monoclonal antibody, clone CENP-E.1H12 (Cat # MAB8966).

Specification

Product Description Mouse monoclonal antibody raised against recombinant CENPE.

Amount 100 uL

Immunogen Recombinant protein corresponding to human CENPE.

Host Mouse

Reactivity Human

Form Liquid

Purification Purified ascites

Concentration 1 ug/uL

Isotype IgG1

Recommend Usage The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4 (0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

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- Immunofluorescence

- Immunoprecipitation

Gene Info — CENPE

Entrez GeneID [1062](#)

Gene Name CENPE

Gene Alias KIF10

Gene Description centromere protein E, 312kDa

Omim ID [117143](#)

Gene Ontology [Hyperlink](#)

Gene Summary Centrosome-associated protein E is a kinesin-like motor protein that accumulates in the G2 phase of the cell cycle. Unlike other centrosome-associated proteins, it is not present during interphase and first appears at the centromere region of chromosomes during prometaphase. CENPE is proposed to be one of the motors responsible for mammalian chromosome movement and/or spindle elongation. [provided by RefSeq]

Other Designations Centromere autoantigen E (312kD)|centromere protein E|centromere protein E (312kD)|kinesin family member 10

Disease

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- [Breast cancer](#)
- [Breast Neoplasms](#)

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