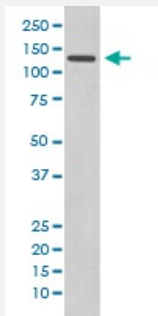


RAD21 monoclonal antibody, clone CBH-18

Catalog # MAB20652 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate using RAD21 monoclonal antibody, clone CBH-18.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human RAD21.
Immunogen	A synthetic peptide corresponding to human RAD21.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate using RAD21 monoclonal antibody, clone CBH-18.

- Flow Cytometry

Gene Info — RAD21

Entrez GeneID [5885](#)

Protein Accession# [O60216](#)

Gene Name RAD21

Gene Alias FLJ25655, FLJ40596, HR21, HRAD21, KIAA0078, MCD1, NXP1, SCC1, hHR21

Gene Description RAD21 homolog (S. pombe)

Omim ID [606462](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is highly similar to the gene product of Schizosaccharomyces pombe rad21, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells. [provided by RefSeq]

Other Designations RAD21 homolog|nuclear matrix protein 1|protein involved in DNA double-strand break repair

Pathway

- [Cell cycle](#)

Disease

- [Adenocarcinoma](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Radiation Injuries](#)