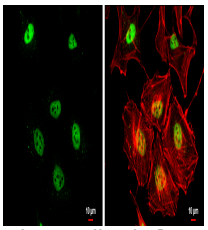
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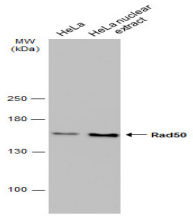
# Product Datasheet

## Rad50 antibody [13B3]
## GRP89

| | |
|---|---|
| **Description** | RAD50 is an essential gene for all cell types and the expression does not vary during cell cycle. It is an excellent loading control at the high molecular weight position (150KD), complementing GAPDH, beta-Actin and alpha-Tubulin at the lower molecular weight positions. |
| **Species/Host** | Mouse |
| **Reactivity** | Human, Mouse, Rat, Monkey |
| **Conjugation** | Unconjugated |
| **Tested Applications** | ICC, IF, IHC-P, IP, WB |
| **Immunogen** | Amino acids 1-425 of Rad50 expressed in E. coli. |
| **Form/Appearance** | Liquid: PBS |
| **Concentration** | 1 mg/ml |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| **Note** | For research use only. |
| **Isotype** | IgG1 |
| **Clonality** | Monoclonal |
| **Purity** | Affinity purified by Protein G. |
| **Clone ID** | 13B3 |
| **Uniprot ID** | Q92878 |
| **Entrez** | 10111 |
| **Dilution Range** | WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000 |



Rad50 antibody [13B3] detects Rad50 protein at nucleus by immunofluorescent analysis.Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.Green: Rad50 protein stained by Rad50 antibody [13B3] (GRP541) diluted at 1:200.Red: phalloidin, a c




HeLa whole cell and nuclear extracts (30 ?g) were separated by 5% SDS-PAGE, and the membrane was blotted with Rad50 antibody [13B3] (GRP541) diluted at 1:1000. The HRP-conjugated anti-mouset IgG antibody was used to detect the primary antibody.