German Research Products - GRP GmbH

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Product Datasheet

Rad50 antibody [13B3]

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 opening

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

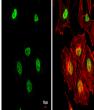
Purity Affinity purified by Protein G.

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

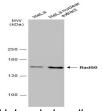


Rad50 antibody [13B3] detects Rad50 protein at nucleus by

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.