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## Product Datasheet

### Phospho-SMC1 (S957), Clone: [FCI-19], Unconjugated, Rabbit, Monoclonal NBS-ABB-4VM8L9-100

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Artikelname              | Phospho-SMC1 (S957), Clone: [FCI-19], Unconjugated, Rabbit, Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Artikelnummer            | NBS-ABB-4VM8L9-100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller Artikelnummer | ABB-4VM8L9-100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Alternativnummer         | NBS-ABB-4VM8L9-100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller               | Nordic BioSite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Wirt                     | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applikation              | ICC, IF, IHC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen                | A synthesized peptide derived from human Phospho-SMC1 (S957) Structural maintenance of chromosomes 1 (SMC1) protein is a chromosomal protein member of the cohesin complex that enables sister chromatid cohesion and plays a role in DNA repair . ATM/NBS1-dependent phosphorylation of SMC1 occurs at Ser957 and Ser966 in response to ionizing radiation (IR) as part of the intra-S-phase DNA damage checkpoint. SMC1 phosphorylation is ATM-independent in cells subjected to other forms of DNA damage, including UV light and hydroxyurea treatment. |
| Konjugation              | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Produktbeschreibung      | Anti-Phospho-SMC1 (S957) Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human....                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|------------------|---------------------------------------------------------------------------------------------------------------------|
| Klonalität       | Monoclonal                                                                                                          |
| Konzentration    | 0.5 mg/ml                                                                                                           |
| Klon-Bezeichnung | [FCI-19]                                                                                                            |
| Molekulargewicht | 26053 MW                                                                                                            |
| Sensitivitaet    | <50pg/ml                                                                                                            |
| NCBI             | <a href="#">8243</a>                                                                                                |
| UniProt          | <a href="#">Q14683</a>                                                                                              |
| Puffer           | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA. |
| Formulierung     | Liquid                                                                                                              |
| Target-Kategorie | Phospho-SMC1 (S957)                                                                                                 |
| Antibody Type    | Primary Antibody                                                                                                    |