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## Product Datasheet

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

Article Name	Phospho-SMC1 (S957), Clone: [FCI-19], Unconjugated, Rabbit, Monoclonal
Biozol Catalog Number	NBS-ABB-4VM8L9-100
Supplier Catalog Number	ABB-4VM8L9-100
Alternative Catalog Number	NBS-ABB-4VM8L9-100
Manufacturer	Nordic BioSite
Host	Rabbit
Category	Antikörper
Application	ICC, IF, IHC, WB
Species Reactivity	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.
Conjugation	Unconjugated
Product Description	Anti-Phospho-SMC1 (S957) Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human....
Clonality	Monoclonal

Concentration	0.5 mg/ml
Clone Designation	[FCI-19]
Molecular Weight	26053 MW
Sensitivity	<50pg/ml
NCBI	<a href="#">8243</a>
UniProt	<a href="#">Q14683</a>
Buffer	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Form	Liquid
Target	Phospho-SMC1 (S957)
Antibody Type	Primary Antibody