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## Product Datasheet

### **Anti-Phospho-SMC1 (S957) Monoclonal Antibody, Clone: [Clone: FCI-19], Rabbit ABT-ABO14375**

Article Name	Anti-Phospho-SMC1 (S957) Monoclonal Antibody, Clone: [Clone: FCI-19], Rabbit
Biozol Catalog Number	ABT-ABO14375
Supplier Catalog Number	ABO14375
Alternative Catalog Number	ABT-ABO14375-100UL
Manufacturer	Abcepta
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.
Product Description	Anti-Phospho-SMC1 (S957) Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human....
Clonality	Monoclonal

Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Clone Designation	[Clone: FCI-19]
Molecular Weight	143233
NCBI	<a href="#">8243</a>
UniProt	<a href="#">Q14683</a>
Form	Liquid