
Product Name: SMC4 Rabbit Monoclonal Antibody**Catalog #: AMRe84208**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,ICC 1:50-1:200,FC 1:20-1:100
Molecular Weight	Calculated MW: 147 kDa ; Observed MW: 160 kDa

Antigen Information

Gene Name	SMC4
Alternative Names	CAPC; hCAP C; hCAP-C; SMC 4; SMC4; SMC4L1; XCAP C homolog;;SMC4
Gene ID	
SwissProt ID	Q9NTJ3
Immunogen	A synthesized peptide derived from human SMC4

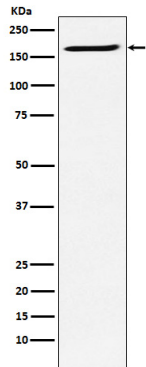
Background

Central component of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of

type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases.

Research Area

Image Data



Western blot analysis of SMC4 expression in Ramos cell lysate.