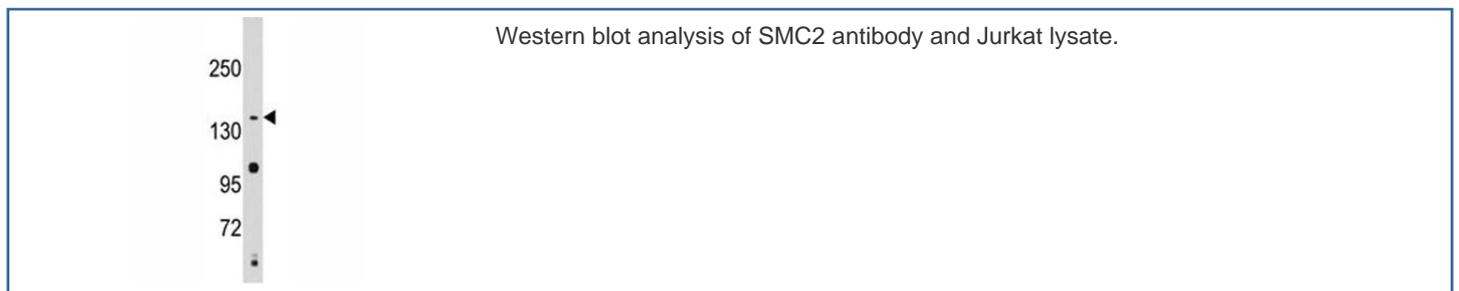


SMC2 Antibody (F40121)

Catalog No.	Formulation	Size
F40121-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40121-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O95347
Applications	Western Blot : 1:1000
Limitations	This SMC2 antibody is available for research use only.



Description

SMC2 is a 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.

Application Notes

Titration of the SMC2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1166-1197 from the human protein was used as the immunogen for this SMC2 antibody.

Storage

Aliquot the SMC2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.