

Anti-SMC4 Antibody (3043)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Molecular Weight:	Theoretical: 147 kDa. Actual: 175 kDa.
Clone:	3043
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with SMC4 monoclonal antibody, unconjugated (TMAB-12966) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,ICC/IF,FCM
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human SMC4
Antigen Species:	Human
Gene ID:	10051
Uniprot ID:	Q9NTJ3

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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