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Datasheet for ABIN7159203

anti-SP011 antibody (AA 28-109) (FITC)

Overview

Quantity:	100 µg
Target:	SP011
Binding Specificity:	AA 28-109
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SP011 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Meiotic recombination protein SP011 protein (28-109AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SP011
Alternative Name:	SP011 (SP011 Products)
Background:	Background: Component of a topoisomerase 6 complex specifically required for meiotic recombination. Together with TOP6BL, mediates DNA cleavage that forms the double-strand

Target Details

breaks (DSB) that initiate meiotic recombination. The complex promotes relaxation of negative and positive supercoiled DNA and DNA decatenation through cleavage and ligation cycles.

Essential for the phosphorylation of SMC3, HORMAD1 and HORMAD2.

Aliases: Cancer/testis antigen 35 antibody, CT35 antibody, Meiotic recombination protein SPO11 antibody, Meiotic recombination protein SPO11 antibody, MGC39953 antibody, SPATA43 antibody, Spermatogenesis associated 43 antibody, SPO11 antibody, SPO11 antibody, SPO11 meiotic protein covalently bound to DSB antibody, SPO11 meiotic protein covalently bound to DSB homolog antibody, SPO11 meiotic protein covalently bound to DSB like antibody, SPO11_HUMAN antibody, TOPVIA antibody

UniProt: [Q9Y5K1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.