SMC1 Recombinant Monoclonal Antibody [BL-205-2G8]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_006297.2
Catalog No.	A700-018-T	Uniprot ID	Q14683
Lot No.	A700-018-T-3	GeneID	8243

APPLICATIONS WB, IP, IHC, ICC, IHC-IF, Flow Cyt

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine

AMOUNT 20 µl

CONCENTRATION 50 µg/ml

STORAGE/SHELF LIFE 2 - 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

CLONE # BL-205-2G8

ORIGIN USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a synthetic peptide representing a region between residue 1200 and the C-terminus (residue 1233) of human structural maintenance of chromosomes 1 according to the numbering given in entry NP_006297.2 (GeneID 8243).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000
Immunoprecipitation	20 µl/mg lysate
Immunohistochemistry	1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 - 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Immunofluorescence (IHC)	1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Flow Cytometry	Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10^6 cells.

IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Melanoma, Ovarian Carcinoma, 22RV1 Cells, HCT 116 Cells, HEK293T Cells, HeLa Cells, NCI-H226 Cells

IHC MOUSE CONTROLS CT26 cells, RenCa Cells

ADDITIONAL INFO Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: February 28, 2023

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