

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09424 - Goat Anti-SMC5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SMC5, structural maintenance of chromosomes 5, KIAA0594, SMC5L1, OTTHUMP00000063367, SMC5 protein, SMC5 structural maintenance of chromosomes 5-like 1

Official Symbol: SMC5

Accession Number(s): NP_055925.2

Human GeneID(s): [23137](#)

Non-Human GeneID(s): 226026 (mouse), 293967 (rat)

Immunogen

Peptide with sequence C-TSKHLEHKDNELRQ, from the Internal region of the protein sequence according to NP_055925.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Preliminary experiments in Human Kidney and Liver lysates and in lysates of cell line HeLa gave no specific signal but low background (at antibody concentration up to 2µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Cow, Dog