

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09543 - Goat Anti-SRF Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SRF, serum response factor (c-fos serum response element-binding

transcription factor), MCM1, OTTHUMP00000039820

Official Symbol: SRF

Accession Number(s): NP_003122.1

Human GeneID(s): 6722

Non-Human GenelD(s): 20807 (mouse), 501099 (rat)

Immunogen

Peptide with sequence C-QASPSRDSSTDLTQ, from the internal region of the protein sequence according to NP_003122.1.

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

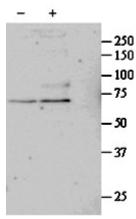
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 67kDa band observed in primary cultured Human Lung fibroblasts lysates after 24 h treatment with 1ng/ml TGF-bl (calculated MW of 51.6kDa according to NP_003122.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Davis FJ et al, Am J Physiol Heart Circ Physiol. 2002 Apr;282(4):H1521-33.; PMID: 11893590). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

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



EB09543 (1µg/ml) staining of untreated (first lane) and TGF-bl-treated (second lane) primary cultured Human Lung fibroblast lysate. Primary incubated overnight at 4C. Detected by western blot using chemiluminescence.

Data kindly provided by Nickolai Dulin, Dept Medicine/Pulmonary, Chicago, USA.