



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.**

EB07815 - Goat Anti-STAG3 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: STAG3, stromal antigen 3, SCC3 homolog 3, cohesin subunit SA-3, stromalin 3

Official Symbol: STAG3

Accession Number(s): NP_058660.2

Human GeneID(s): [10734](#)

Non-Human GeneID(s): 50878 (mouse), 114522 (rat)

Important Comments: The immunizing peptide was designed based on the Mouse protein sequence with one residue of a difference from the human sequence.

Immunogen

Peptide with sequence C-KHYNKFYEDYGD, from the internal region of the protein sequence according to NP_058660.2.

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 1:32000.

Western blot: Preliminary experiments gave an approx 30kDa band in Human Testis lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 141kDa according to NP_058660.2. The 30kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Mouse, Rat