

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.**

EB09145 - Goat Anti-NY-ESO-1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CTAG1B, cancer/testis antigen 1B, CTAG, CTAG1, ESO1, LAGE-2, LAGE2B, NY-ESO-1, New York esophageal squamous cell carcinoma 1, cancer antigen 3

Official Symbol: CTAG1B

Accession Number(s): NP_001318.1

Human GeneID(s): [1485](#)

Immunogen

Peptide with sequence C-AELARRSLAQDAP, from the internal region of the protein sequence according to NP_001318.1.

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 1:16000.

Western blot: Preliminary experiments gave an approx. 28kDa band in Human Testis lysates after 0.3 µg/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 18.0kDa according to NP_001318.1. The 28kDa 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?

This product has been successfully used in Microarray as described in a scientific publication (PMID: 22922091).

Species Reactivity

Tested:

Expected from sequence similarity: Human

Specific Reference

Shan Q, Lou X, Xiao T, Zhang J, Sun H, Gao Y, Cheng S, Wu L, Xu N, Liu S.

A cancer/testis antigen microarray to screen autoantibody biomarkers of non-small cell lung cancer.

Cancer Lett. 2013 Jan 1;328(1):160-7.

PMID: 22922091