

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.**

EB10948 - Goat Anti-CD56 / NCAM1 (isoform 2) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NCAM1, neural cell adhesion molecule 1, CD56, MSK39, NCAM, N-CAM-1, NCAM-1, antigen recognized by monoclonal antibody 5.1H11, neural cell adhesion molecule, NCAM

Official Symbol: NCAM1

Accession Number(s): NP_851996.2

Human GeneID(s): [4684](#)

Non-Human GeneID(s): 24586 (rat)

Important Comments: This antibody is expected to recognize reported isoform 2 (NP_851996.2) only.

Immunogen

Peptide with sequence C-KASWTRPEKQETLD, from the internal region of the protein sequence according to NP_851996.2.

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

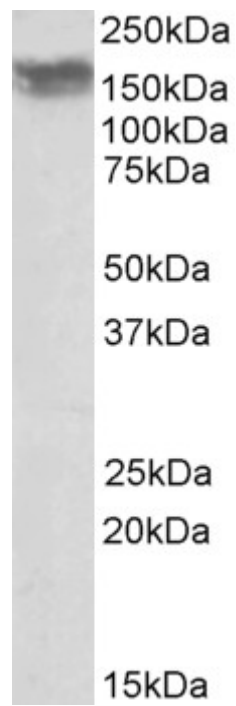
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 170kDa band observed in Human Brain (Cerebellum, Cerebral and Frontal Cortex) lysates (calculated MW of 94.6kDa according to NP_851996.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Pig, Cow



EB10948 (0.01 μ g/ml) staining of Human Frontal Cortex lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.