

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.

EB11932 - Goat Anti-CD57 / B3GAT1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: B3GAT1, beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P), CD57, GLCATP, GLCUATP, HNK1, LEU7, NK-1, NK1, LEU7 antigen, OTTHUMP00000235432, UDP-GlcUA:glycoprotein beta-1,3-glucuronyltransferase, galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1, glcUAT-P, glucuronosyltransferase P Official Symbol: B3GAT1 Accession Number(s): NP_061114.2 Human GeneID(s): 27087 Non-Human GeneID(s): 76898 (mouse), 117108 (rat) Important Comments: Reported variants represent identical protein: NP_473366.1, NP_061114.2.

Immunogen

Peptide with sequence C-HVETPRNYKLRGD, from the internal region of the protein sequence according to NP_061114.2.

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

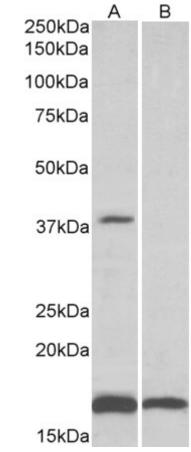
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 38kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 38.3kDa according to NP_061114.2). Recommended concentration: 0.1-0.3µg/ml. An additional band of 17kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

Species Reactivity

Tested: Human

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



EB11932 (0.1µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.