EB05492-B - Goat Anti-Kinesin 1 / UKHC, Biotinylated Antibody

Size: 100µg specific antibody in 200µl

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

Target Protein

Principal Names: KIF5B, kinesin family member 5B, HEL-S-61, KINH, KNS, KNS1, UKHC, conventional kinesin heavy chain, epididymis secretory protein Li 61, kinesin 1 (110-120kD), kinesin heavy chain, ubiquitous kinesin heavy chain
Official Symbol: KIF5B
Accession Number(s): NP_004512.1
Human GeneID(s): 3799
Non-Human GeneID(s): 16573 (mouse), 117550 (rat)

Immunogen

Peptide with sequence CQPVAVRGGGGKQV., from the C Terminus of the protein sequence according to NP_004512.1.

Please note the peptide is available for sale.

Purification and Storage

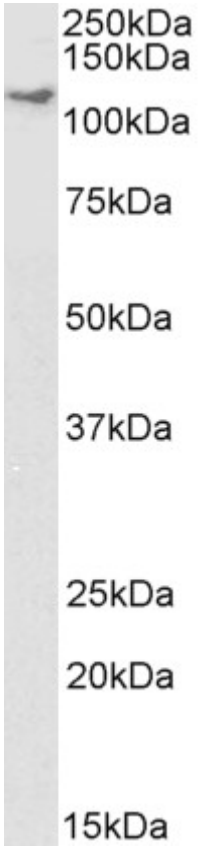
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.
Western blot: Approx 120kDa band observed in lysates of cell line HeLa (calculated MW of 110kDa according to NP_004512.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

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



Biotinylated EB05492 (1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.