

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.

EB10326 - Goat Anti-Unc13b (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Munc13-2, unc-13 homolog B, unc-13 homolog B (C. elegans),

Unc13h2, Unc13b

Official Symbol: Unc13b

Accession Number(s): NP_074053.1; NP_001036044.1 **Non-Human GeneID(s):** 22249 (mouse), 64830 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_074053.1; NP_001036044.1).

Immunogen

Peptide with sequence PLRDVAAKGSC, from the internal region of the protein sequence according to NP_074053.1; NP_001036044.1.

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 1:64000.

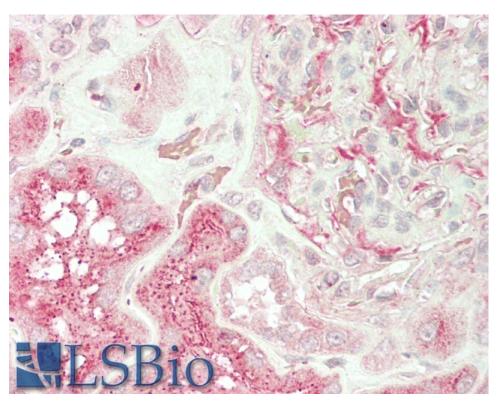
Western blot: Preliminary experiments gave an approx 110kDa band in Rat Lung lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 184kDa according to Human NP_001036044.1X. The 110kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

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



EB10326 (5μg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.