

## UK Office

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**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.

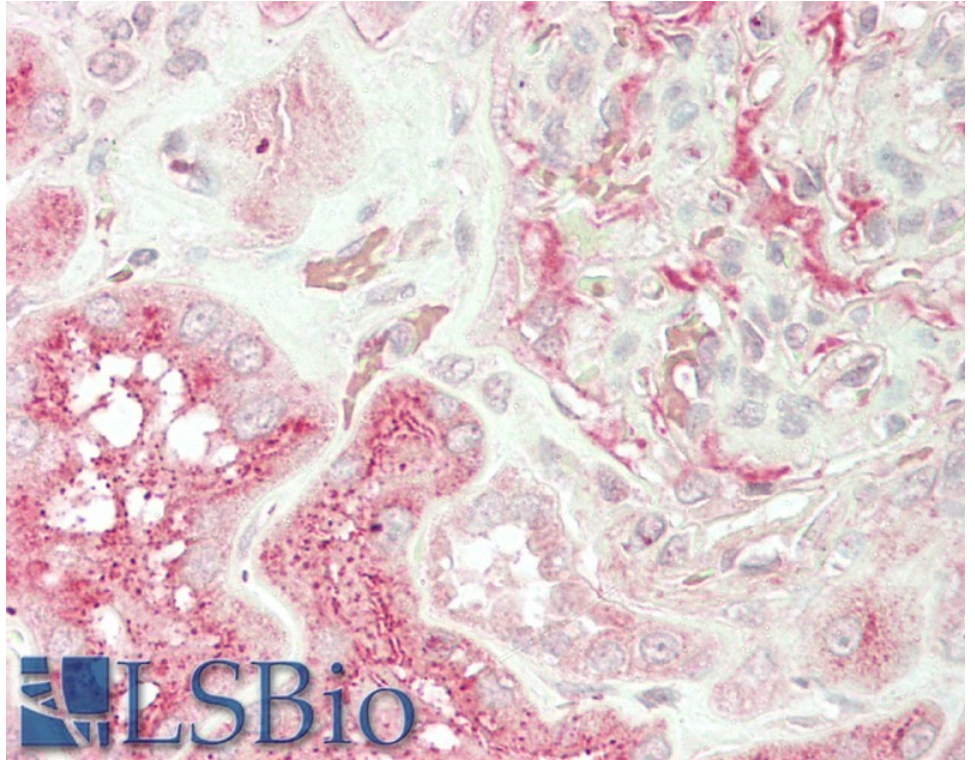
**Western blot:** Preliminary experiments gave an approx 110kDa band in Rat Lung lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 184kDa according to Human NP\_001036044.1X. The 110kDa 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.