



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10661 - Goat Anti-SLC47A2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SLC47A2, solute carrier family 47, member 2, FLJ31196, MATE2, MATE2-B, MATE2-K, MATE2K, H+/organic cation antiporter, MATE-2, hMATE-2, kidney-specific H(+)/organic cation antiporter, multidrug and toxin extrusion 2, multidrug and toxin

**Official Symbol:** SLC47A2

**Accession Number(s):** NP\_690872.2; NP\_001093116.1

**Human GeneID(s):** [146802](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_690872.2; NP\_001093116.1).

### Immunogen

Peptide with sequence SECHVDFFRTPEEAH, from the internal region (near C terminus) of the protein sequence according to NP\_690872.2; NP\_001093116.1.

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 1:32000.

**Western blot:** Approx 60kDa band observed in Human Testis lysates (calculated MW of 61.0kDa according to NP\_001093116.1). Recommended concentration: 0.1-1µg/ml.

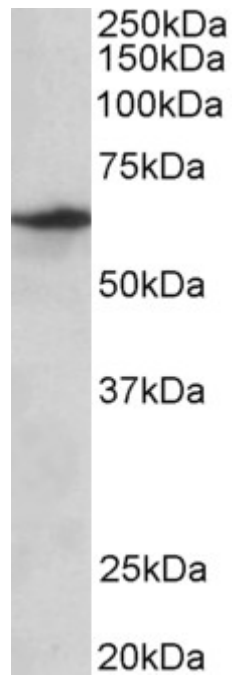
Primary incubation was 1 hour.

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

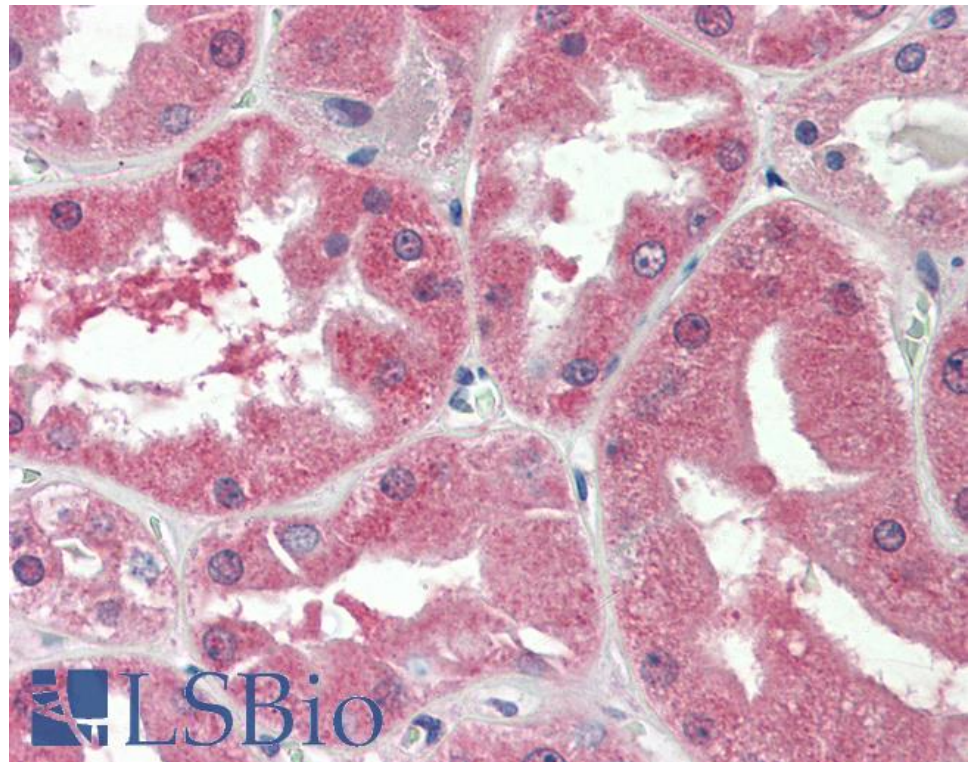
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB10661 (0.3 $\mu$ g/ml) staining of Human Testis lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB10661 (5 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.