



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

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

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

## EB07884 - Goat Anti-Ogg1 (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Ogg1, 8-oxoguanine DNA glycosylase, Mmh

**Official Symbol:** OGG1

**Accession Number(s):** NP\_035087.2

**Non-Human GeneID(s):** 18294 (mouse), 81528 (rat)

### Immunogen

Peptide with sequence C-HPKTSQAKGPSPLANK, from the internal region of the protein sequence according to NP\_035087.2.

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 1:128000.

**Western blot:** Approx 37kDa band observed in Rat Spleen lysates (calculated MW of 38.7kDa according to Rat NP\_110497.1 and 38.8kDa according to Mouse NP\_035087.2).

Recommended concentration: 0.1-0.3µg/ml.

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

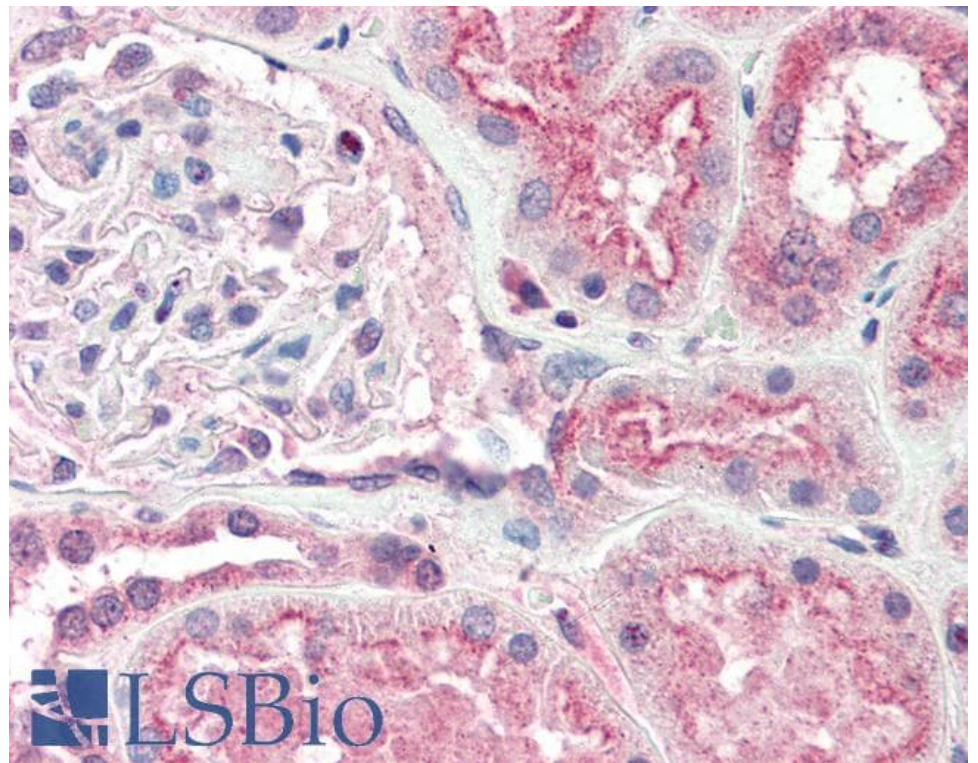
### Species Reactivity

**Tested:** Human, Rat

**Expected from sequence similarity:** Mouse, Rat

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

EB07884 (0.1µg/ml) staining of Rat Spleen lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.



EB07884 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.