



## 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.**

## EB06928 - Goat Anti-Monoamine Oxidase A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** monoamine oxidase A, HGNC:6833, MAOA, RP1-201D17\_\_B.2

**Official Symbol:** MAOA

**Accession Number(s):** NP\_000231.1

**Human GeneID(s):** [4128](#)

### Immunogen

Peptide with sequence C-DAPWEAQHADKWDK, from the internal region of the protein sequence according to NP\_000231.1.

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:** Approx 70kDa band observed in Human Heart lysates (calculated MW of 60.0kDa according to NP\_000231.1). In transfected HEK293 transiently expressing MAOA a band of approx. 60 kDa is observed. This band is not observed in the non-transfected HEK293. The user is warned for non-specific background in Western blot. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06928 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

HEK293 overexpressing MAOA (RC207276) and probed with EB06928 (mock transfection in first lane), tested by Origene.