

## 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.**

## EB10194 - Goat Anti-NDUFS8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CI23KD, complex I-23kD, NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (NADH-coenzyme Q reductase), NADH dehydrogenase ubiquinone Fe-S 8, NADH-ubiquinone oxidoreductase 23 kDa subunit, TYKY, NDUFS8

**Official Symbol:** NDUFS8

**Accession Number(s):** NP\_002487.1

**Human GeneID(s):** [4728](#)

**Non-Human GeneID(s):** 225887 (mouse), 293652 (rat)

### Immunogen

Peptide with sequence C-AEPRADGSRR, from the Internal region of the protein sequence according to NP\_002487.1.

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 1:2000.

**Western blot:** Approx 25kDa band observed in Human and Mouse Heart lysates (calculated MW of 23.7kDa according to NP\_002487.1). Recommended concentration: 0.1-0.3µg/ml. An additional fainter band of 90kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

### Species Reactivity

**Tested:** Human, Mouse

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



EB10194 (0.1 $\mu$ g/ml) staining of Mouse Heart lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.