



## UK Office

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

## EB10695 - Goat Anti-CYB5R3 / Dia 1 (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Cyb5r3, cytochrome b5 reductase 3, 0610016L08Rik, 2500002N19Rik, C85115, Dia-1, Dia1, WU:AL591952.1-001, WU:AL591952.1-002, WU:Cyb5r3, NADH-cytochrome b5 reductase, diaphorase 1, diaphorase 1 (NADH)

**Official Symbol:** Cyb5r3

**Accession Number(s):** NP\_084063.1

**Non-Human GeneID(s):** 109754 (mouse), 25035 (rat)

### Immunogen

Peptide with sequence CLPNLERVGHPKER, from the C Terminus of the protein sequence according to NP\_084063.1.

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

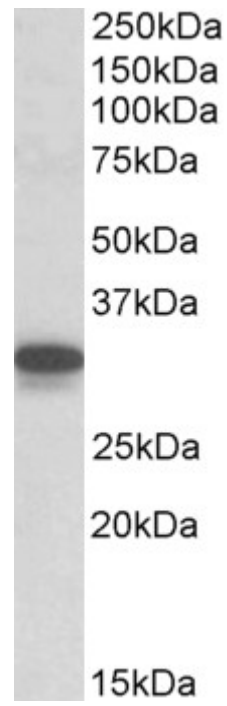
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 30kDa band observed in Mouse and Rat Lung lysates (calculated MW of 34.1kDa according to NP\_084063.1). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Mouse, Rat

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



EB10695 (0.1 $\mu$ g/ml) staining of Mouse Lung lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.