

## UK Office

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

## EB07823 - Goat Anti-G6PD (aa 305 - 318) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** G6PD, glucose-6-phosphate dehydrogenase, G6PD1, glucose-6-phosphate 1-dehydrogenase, glucose-6-phosphate dehydrogenase, G6PD

**Official Symbol:** G6PD

**Accession Number(s):** NP\_000393.4 ; NP\_001035810.1

**Human GeneID(s):** [2539](#)

**Non-Human GeneID(s):** 14381 (mouse), 24377 (rat)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_000393.4 and NP\_001035810.1).

### Immunogen

Peptide with sequence C-KPASTNSDDVRDEK, from the internal region of the protein sequence according to NP\_000393.4 ; NP\_001035810.1.

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 1:8000.

**Western blot:** Approx 55kDa band observed in Human Peripheral Blood Mononucleocyte lysates (calculated MW of 59.3kDa according to NP\_001035810.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB07823 (1 $\mu$ g/ml) staining of Peripheral Blood Mononucleocytes lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.