

#### **International Office**

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# 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 GenelD(s): 2539 Non-Human GenelD(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 <u>peptide</u> 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.

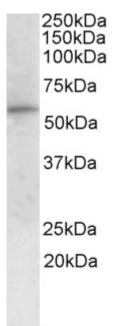
# **Applications Tested**

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



# 15kDa

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