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

EB11045 - Goat Anti-Fgf23 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ADHR, FGF-23, fibroblast growth factor 23, HPDR2, HYPF, phosphatonin, PHPTC, tumor-derived hypophosphatemia inducing factor, tumor-derived hypophosphatemia-inducing factor, Fgf23

Official Symbol: Fgf23

Accession Number(s): NP_073148.1

Non-Human GeneID(s): 64654 (mouse), 170583 (rat)

Immunogen

Peptide with sequence C-ENGYDVYLSQKHH, from the internal region of the protein sequence according to NP_073148.1.

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 1:128000.

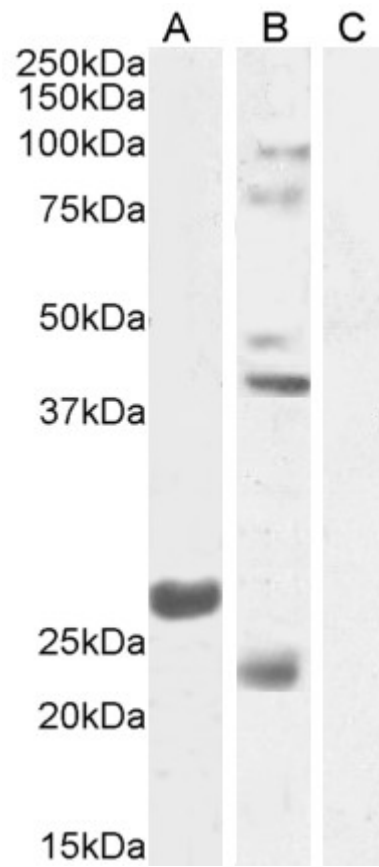
Western blot: Approx 27kDa band observed in Mouse Testis lysates (calculated MW of 27.7kDa according to NP_073148.1). Some lysates showed prominent bands at approx. 24+38kDa which were successfully blocked by incubation with the immunizing peptide and have been reported in the literature (Garringer et al., 2008, PMID:18682534).

Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse, Rat



EB11045 (1 μ g/ml) staining of Mouse Testes lysate 1 (A) and Testes lysate 2 (B) + peptide (C) (35 μ g protein in RIPA buffer). Detected by chemiluminescence.