



## UK Office

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

## EB09931 - Goat Anti-FRG1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** facioscapulohumeral muscular dystrophy region gene-1, FRG1A, FSG1, FSHD region gene 1, FRG1

**Official Symbol:** FRG1

**Accession Number(s):** NP\_004468.1

**Human GeneID(s):** [2483](#)

**Non-Human GeneID(s):** 14300 (mouse), 361156 (rat)

### Immunogen

Peptide with sequence C-TVTNFGGEISGT, from the internal region of the protein sequence according to NP\_004468.1.

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

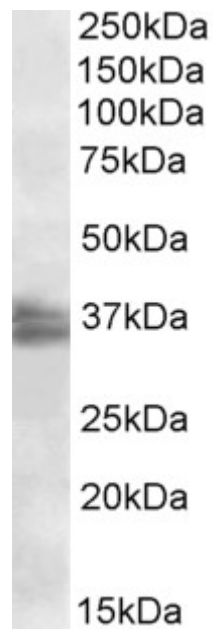
**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Approx 35kDa double band observed in nuclear lysates of cell line Jurkat (calculated MW of 29.2kDa according to NP\_004468.1). This molecular weight is routinely observed by other sources.

### Species Reactivity

**Tested:** Human

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



EB09931 (2 $\mu$ g/ml) staining of Jurkat nuclear lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.