

## UK Office

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

## EB06668 - Goat Anti-MOG Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MOG, MGC26137, myelin oligodendrocyte glycoprotein, DAQB-92E24.2, MOGIG-2, MOG Ig-AluB, MOG alpha-6

**Official Symbol:** MOG

**Accession Number(s):** NP\_996532.2; NP\_996535.2; NP\_001008229.1

**Human GeneID(s):** [4340](#)

**Important Comments:** This antibody is expected to recognise NP\_996532.2 (isf a1), NP\_996535.2 (isf a2) and NP\_001008229.1 (isf a3)

### Immunogen

Peptide with sequence C-AGQFLEELRNPF, from the C Terminus of the protein sequence according to NP\_996532.2; NP\_996535.2; NP\_001008229.1.

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

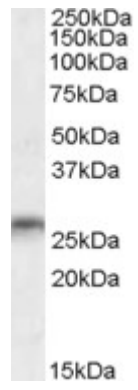
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Western Blot: Approx 26kDa band observed in Human Brain lysates (calculated MW of 25.4kDa according to NP\_001008229.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was for 1 hour.

### Species Reactivity

**Tested:** Human

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



EB06668 (0.03 $\mu$ g/ml) staining of Human Amygdala lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.