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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06668 - Goat Anti-MOG Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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:** Approx 26kDa band observed in Human Brain lysates (calculated MW of 25.4kDa according to NP\_001008229, isoform a3). Recommended concentration: 0.03-1µg/ml.

### Species Reactivity

**Tested:** Human

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



EB06668 staining (0.03 $\mu$ g/ml) of Human Brain lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.