

## UK Office

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

## EB07499 - Goat Anti-CCM2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CCM2, cerebral cavernous malformation 2, C7orf22, MGC4067, MGC4607, MGC74868, PP10187

**Official Symbol:** CCM2

**Accession Number(s):** NP\_001025006.1; NP\_113631.1; NP\_001161407.1

**Human GeneID(s):** [83605](#)

**Non-Human GeneID(s):** 216527 (mouse)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_001025006.1), isoform 2 (NP\_113631.1) and isoform 4 (NP\_001161407.1).

### Immunogen

Peptide with sequence C-KGEKSRDKKAHEK, from the internal region of the protein sequence according to NP\_001025006.1; NP\_113631.1; NP\_001161407.1.

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 48kDa band observed in Human Heart lysates (calculated MW of 48.8kDa according to NP\_113631.1). Recommended concentration: 0.03-0.1µg/ml.

Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

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

EB07499 (0.03µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.