



## UK Office

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

## EB12699 - Goat Anti-CD68 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD68, CD68 molecule, GP110, LAMP4, SCARD1, CD68 antigen, macrophage antigen CD68, macrosialin, scavenger receptor class D, member 1

**Official Symbol:** CD68

**Accession Number(s):** NP\_001242.2; NP\_001035148.1

**Human GeneID(s):** [968](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001242.2; NP\_001035148.1).

### Immunogen

Peptide with sequence PNKTKVQGSCEGAH, from the internal region of the protein sequence according to NP\_001242.2; NP\_001035148.1.

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.

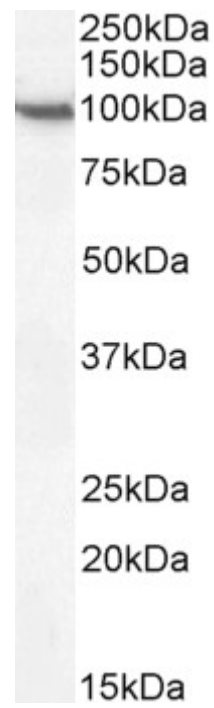
**Western blot:** Approx. 100-110kDa band observed in lysates of cell line U937 and in preliminary testing of THP-1 cell lysate (calculated MW of 37.4kDa according to NP\_001242.2). The observed molecular weight is routinely reported, and corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

**Positive Control:** A batch specific positive control lysate is available for this product. Please contact [Sales@everestbiotech.com](mailto:sales@everestbiotech.com) for availability.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12699 (2µg/ml) staining of U937 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.