

## UK Office

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

## EB06848 - Goat Anti-Complement factor H Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** complement factor H, HGNC:4883, CFH, CFHL3, FHL1, HF, HF1, HF2, HUS, H factor 1 (complement), H factor 2 (complement), H factor-1 (complement), factor H-like 1, AHUS1, ARMD4, ARMS1, FH, age-related maculopathy susceptibility 1, beta-1-H-globulin, beta-1H, complement factor H, isoform b, factor H, factor H-like 1

**Official Symbol:** CFH

**Accession Number(s):** NP\_000177.2

**Human GeneID(s):** [3075](#)

**Important Comments:** This antibody is expected to recognize isoform a (NP\_000177.2) only.

### Immunogen

Peptide with sequence C-HLVPDRKKDQYK, from the internal region of the protein sequence according to NP\_000177.2.

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 1:32000.

**Western blot:** Approx 170kDa band observed in Human Lung lysates (calculated MW of 139kDa according to NP\_000177.2). Recommended concentration: 0.03-0.1µg/ml.

Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Liver. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06848 staining (0.03µg/ml) of Human Lung lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.

EB06848 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.