



## UK Office

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

## EB05449-B - Goat Anti-Flotillin 1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FLOT1, flotillin 1, integral membrane component of caveolae

**Official Symbol:** FLOT1

**Accession Number(s):** NP\_005794.1; NP\_001305804.1

**Human GeneID(s):** [10211](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_005794.1; NP\_001305804.1).

### Immunogen

Peptide with sequence CSISQVNHKPLRTA., from the C Terminus of the protein sequence according to NP\_005794.1; NP\_001305804.1.

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

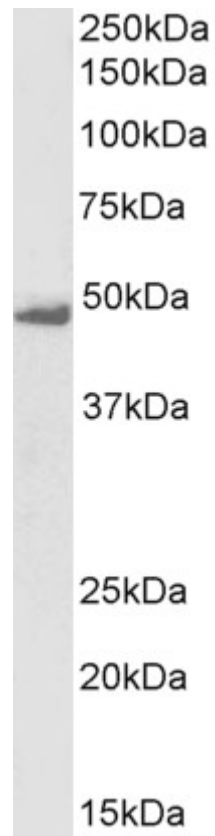
**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Approx 48kDa band observed in lysates of cell line K562 (calculated MW of 47.4kDa according to NP\_005794.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Pig, Cow



Biotinylated EB05449 (1 $\mu$ g/ml) staining of K562 lysate (35 $\mu$ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.