

## UK Office

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

## EB05449 - Goat Anti-Flotillin 1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FLOT1, flotillin 1, reggie-2, integral membrane component of caveolae, DADB-118P11.2

**Official Symbol:** FLOT1

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

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

**Non-Human GeneID(s):** 14251 (mouse)

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

### Immunogen

Peptide with sequence C-SISQVNHKPLRТА, 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 1:32000.

**Western blot:** Approx 48kDa band observed in lysates of cell line K562 and in preliminary testing of cell lysate MCF7 (calculated MW of 47.4kDa according to NP\_005794.1).

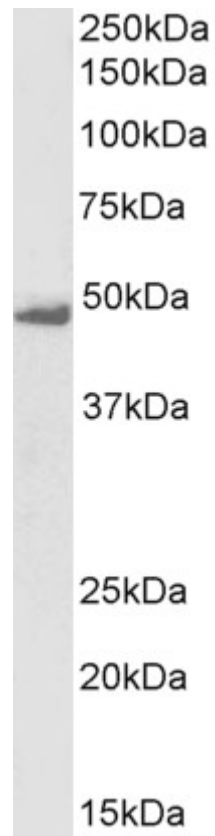
Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

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

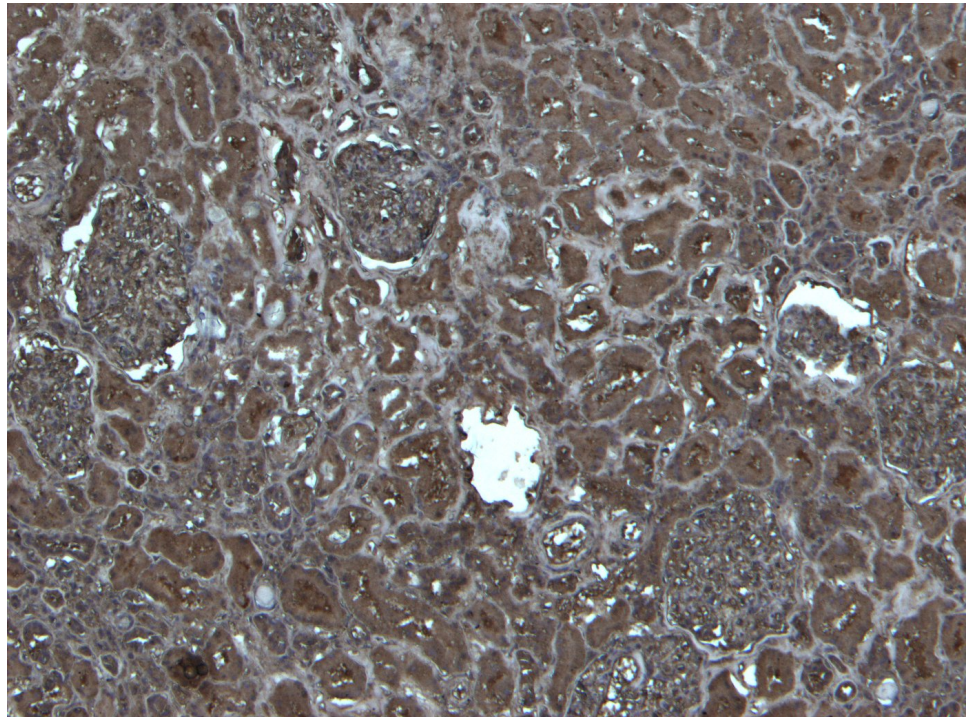
### Species Reactivity

**Tested:** Human

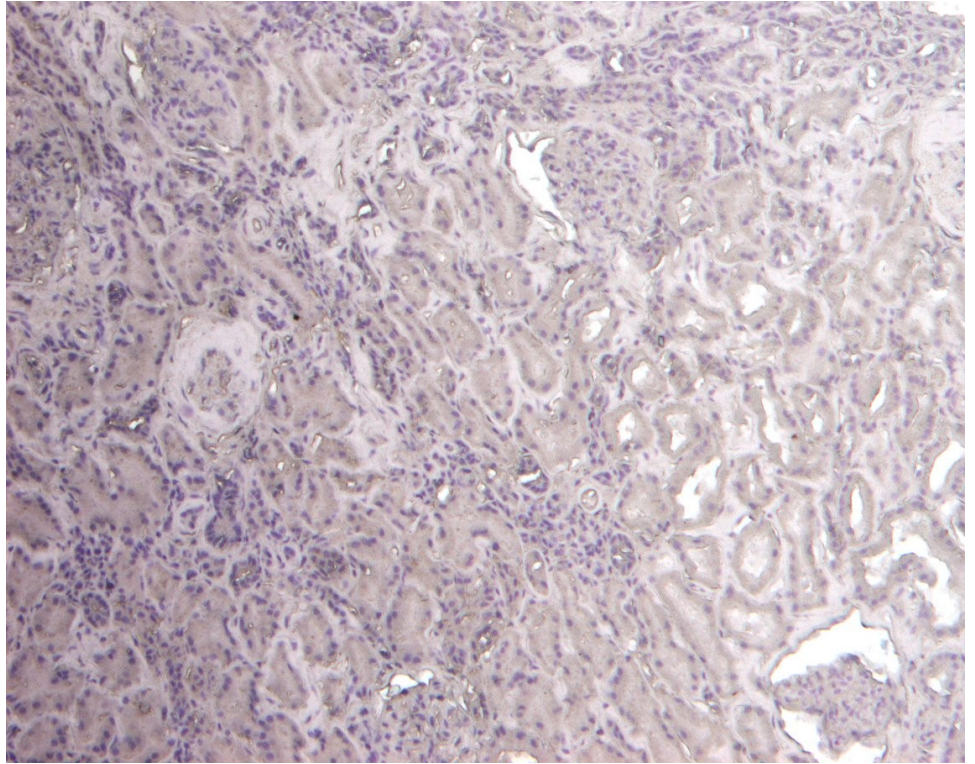
**Expected from sequence similarity:** Human, Dog, Pig, Cow



EB05449 (0.1 $\mu$ g/ml) staining of K562 lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB05449 (5 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB05449 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.