



## UK Office

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

## EB09115 - Goat Anti-SFRP4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SFRP4, secreted frizzled-related protein 4, FRP-4, FRPHE, MGC26498, secreted frizzled-related protein 4

**Official Symbol:** SFRP4

**Accession Number(s):** NP\_003005.2

**Human GeneID(s):** [6424](#)

**Non-Human GeneID(s):** 20379 (mouse), 89803 (rat)

### Immunogen

Peptide with sequence TNSSCQCPHILPHQD, from the internal region of the protein sequence according to NP\_003005.2.

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 40kDa band observed in Human Uterus lysates (calculated MW of 39.8kDa according to NP\_003005.2). Recommended concentration: 1-3µg/ml.

**IHC:** In paraffin embedded Human Uterus shows granular staining in the apical cytoplasm of the endometrial gland. Recommended concentration, 2-4µg/ml.

### Species Reactivity

**Tested:** Human

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

EB09115 (0.5µg/ml) staining of Human Uterus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB09115 (2µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.