



## International Office

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

## EB06594 - Goat Anti-Reduced folate carrier / RFC1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SLC19A1, CHMD, FOLT, IFC1, REFC, RFC1, solute carrier family 19 (folate transporter), member 1, Reduced Folate Carrier, human reduced folate carrier (RFC), homologue of mutant Chinese hamster cell methotrexate uptake deficiency

**Official Symbol:** SLC19A1

**Accession Number(s):** NP\_919231; NP\_003047

**Human GeneID(s):** [6573](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms of human methotrexate / RCF1 protein.

### Immunogen

Peptide with sequence CLPSDGVQNVNQ, from the C Terminus of the protein sequence according to NP\_919231; NP\_003047.

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:** Western Blot: Approx 55kDa band observed in Human Placenta lysates (calculated MW of 64.9kDa according to NP\_919231.1 and 51.5kDa according to NP\_003047.2). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Chimp