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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06563 - Goat Anti-FLVCR Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FLVCR protein, feline leukemia virus subgroup C cellular receptor, FLVCR

**Official Symbol:** FLVCR1

**Accession Number(s):** NP\_054772.1

**Human GeneID(s):** [28982](https://www.ncbi.nlm.nih.gov/gene/28982)

### Immunogen

Peptide with sequence C-KTVMLSKQSESAI, from the C Terminus of the protein sequence according to NP\_054772.1.

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 1:128000.

**Western blot:** Approx 55kDa band observed in Human Bone Marrow lysates (calculated MW of 59.9kDa according to NP\_054772.1). Recommended concentration: 0.1-0.3µg/ml.

An additional band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported? Successfully used in WB application in the publication: Rey M.A. et al.

Enhanced alternative splicing of the FLVCR1 gene in Diamond Blackfan anemia disrupts FLVCR1 expression and function that are critical for erythropoiesis. *Haematologica* 2008 Nov;93(11):1617-26. Epub 2008 Sep 24. PMID:18815190.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Rey MA, Duffy SP, Brown JK, Kennedy JA, Dick JE, Dror Y, Taylor CS.

Enhanced alternative splicing of the FLVCR1 gene in Diamond Blackfan anemia disrupts FLVCR1 expression and function that are critical for erythropoiesis.

*Haematologica* 2008 Nov;93(11):1617-26. Epub 2008 Sep 24.

**PMID:** 18815190



EB06563 (0.1 $\mu$ g/ml) staining of Human Bone Marrow lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.