



## UK Office

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

## EB06940-B - Goat Anti-Duffy / FY / DARC, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ACKR1, atypical chemokine receptor 1 (Duffy blood group), CCBP1, CD234, DARC, Dfy, FY, GPD, GpFy, WBCQ1, Duffy antigen chemokine receptor, Duffy blood group antigen, Duffy blood group, atypical chemokine receptor, Duffy blood group, chemokine receptor, Fy glycoprotein, duffy blood group chemokine receptor, glycoprotein D, plasmodium vivax receptor, CTA-134P22.3, HGNC:4035

**Official Symbol:** ACKR1

**Accession Number(s):** NP\_001116423.1; NP\_002027.2

**Human GeneID(s):** [2532](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001116423.1; NP\_002027.2).

### Immunogen

Peptide with sequence HRAELSPSTENSSQLDFEDC., from the N Terminus of the protein sequence according to NP\_001116423.1; NP\_002027.2.

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

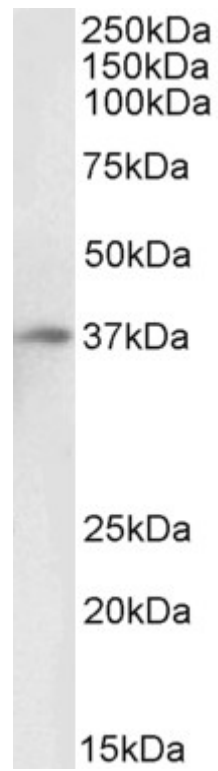
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 37kDa band observed in Human Liver lysates (calculated MW of 35.7kDa according to NP\_001116423.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



Biotinylated EB06940 (0.1 $\mu$ g/ml) staining of Human Liver 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.