

## UK Office

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

## EB08837 - Goat Anti-GPR120 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GPR120, G protein-coupled receptor 120, GPR129, GT01, MGC119984, PGR4, G protein-coupled receptor 129, G protein-coupled receptor PGR4, G-protein-coupled receptor GT01

**Official Symbol:** GPR120

**Accession Number(s):** NP\_859529.2

**Human GeneID(s):** [338557](#)

**Non-Human GeneID(s):** 107221 (mouse), 294075 (rat)

### Immunogen

Peptide with sequence C-YSESHQIRVSQQD, from the internal region of the protein sequence according to NP\_859529.2.

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:** Preliminary experiments in Human Colon and Duodenum lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

**IHC:** In paraffin embedded Human Colon shows specific staining of Lymphoid Aggregates. Recommended concentration: 2-4µg/ml.

### Species Reactivity

**Tested:** Human

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

EB08837 (2µg/ml) staining of paraffin embedded Human Colon. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

EB08837 Negative Control showing staining of paraffin embedded Human Colon, with no primary antibody.