

#### **International Office**

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# 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: FFAR4

Accession Number(s): NP\_859529.2

Human GeneID(s): 338557

Non-Human GenelD(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

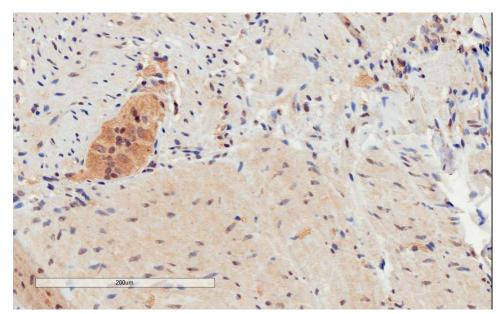
specific signal but low background (at antibody concentration up to 1µg/ml). **IHC:** In paraffin embedded Human Colon shows specific staining of Lymphoid

Aggregates. Recommended concentration: 2-4µg/ml.

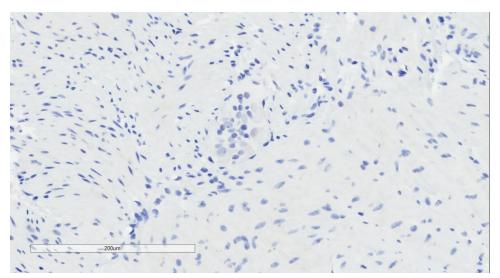
#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



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



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