



## UK Office

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

## EB06950 - Goat Anti-INDO / IDO Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** INDO, indoleamine-pyrrole 2,3 dioxygenase, HGNC:6059, CD107B, IDO, Indoleamine 2,3-dioxygenase, indole 2,3-dioxygenase, IDO1

**Official Symbol:** IDO1

**Accession Number(s):** NP\_002155.1

**Human GeneID(s):** [3620](#)

### Immunogen

Peptide with sequence CVLANWKKKDPNK, from the internal region of the protein sequence according to NP\_002155.1.

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 50kDa band observed in Human Lymph Node, Spleen and Placenta lysates (calculated MW of 45.3kDa according to NP\_002155.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat for this particular batch.

**IHC:** Paraffin embedded Human Placenta. Recommended concentration: 4-6µg/ml.

### Species Reactivity

**Tested:** Human

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

EB06950 (0.5µg/ml) staining of Human Lymph Node (A), Spleen (B) and Placenta (C) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06950 (6µg/ml) staining of paraffin embedded Human Placenta. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB06950 Negative Control showing staining of paraffin embedded Human Placenta, with no primary antibody.