

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

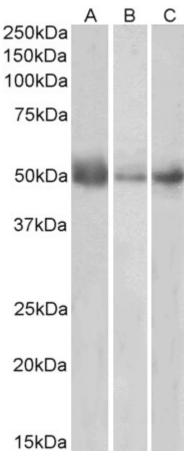
Peptide ELISA: antibody detection limit dilution 1:128000.

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.

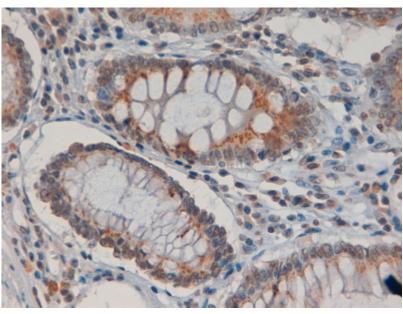
Species Reactivity

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 (4μg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining. **This data is from a previous batch, not on sale.**