

#### **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 Fax: +44 (0)1869 238327

# **US Office**

#### Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB12862 - Goat Anti-IFITM3 Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

Principal Names: IFITM3, interferon induced transmembrane protein 3, 1-8U, DSPA2b, IP15, dispanin subfamily A member 2b, interferon-induced transmembrane protein 3, interferon-inducible protein 1-8U Official Symbol: IFITM3 Accession Number(s): NP\_066362.2 Human GeneID(s): 10410 Important Comments: The immunizing peptide only differs by one residue from IFITM2 and therefore cross-reactivition of this antibody is to be expected.

#### Immunogen

Peptide with sequence C-HNPAPPTSTVIHIRS, from the internal region of the protein sequence according to NP\_066362.2.

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**

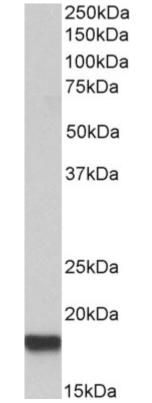
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 17kDa band observed in lysates of cell line HeLa (calculated MW of 14.6kDa according to NP\_066362.2). The observed molecular weight corresponds to the lipidated form. Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

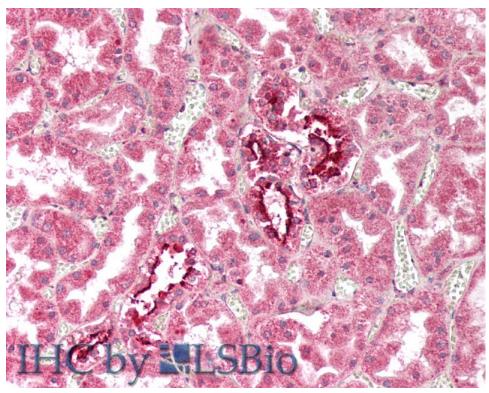
**IHC:** Paraffin embedded Human Kidney and Spleen. Recommended concentration: 2.5µg/ml.

#### **Species Reactivity**

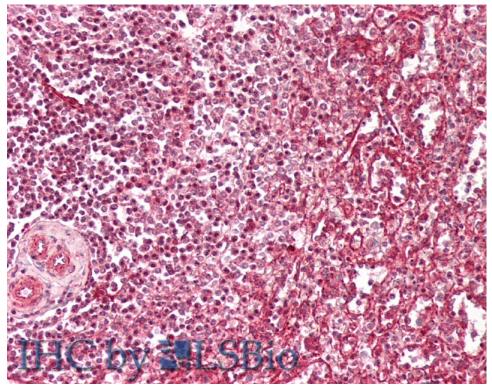
Tested: Human Expected from sequence similarity: Human



EB12862 (0.5µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12862 (2.5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



 $\label{eq:EB12862} EB12862~(2.5\mu g/ml)~staining~of~paraffin~embedded~Human~Spleen.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$