

International Office

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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

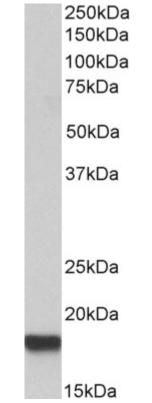
Peptide ELISA: antibody detection limit dilution 1:64000.

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.

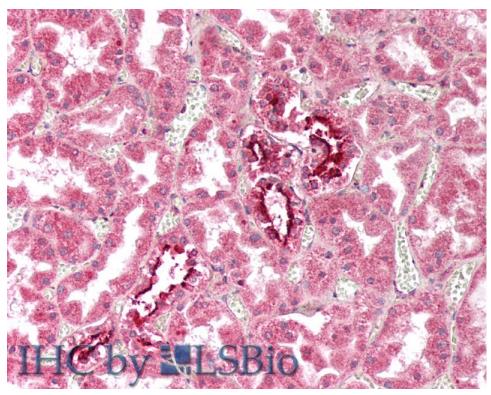
IHC: Paraffin embedded Human Kidney and Spleen. Recommended concentration: 2.5µg/ml.

Species Reactivity

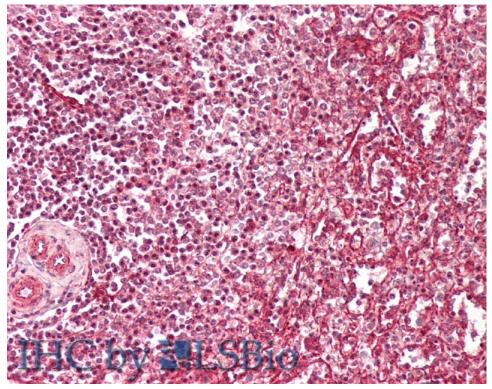
Tested: Human Expected from sequence similarity: Human



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.



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