

### **International Office**

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# EB08987 - Goat Anti-LTF Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: LTF, lactotransferrin, GIG12, HLF2, LF, growth-inhibiting protein 12,

lactoferrin, neutrophil lactoferrin, talalactoferrin

Official Symbol: LTF

Accession Number(s): NP\_002334.2

Human GeneID(s): 4057

## **Immunogen**

Peptide with sequence C-ENYKSQQSSDPDP, from the internal region of the protein sequence according to NP\_002334.2.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Approx. 80kDa band observed in Human Bone Marrow and Prostate lysates, and approx. 85kDa in Human Spleen lysates (calculated MW of 78.2kDa according to NP\_002334.2). Recommended concentration: 0.005-0.01µg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Spleen. Recommended concentration: 4µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

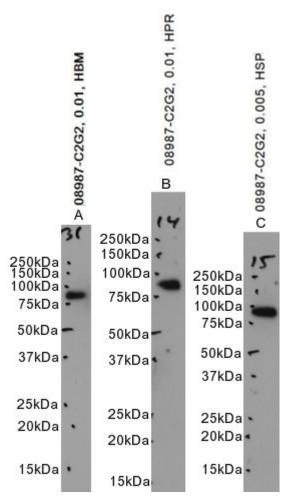
### **Specific Reference**

## This antibody has been successfully used in Western blot on Human:

Heinz Möller, Verena Böhrsch, Christian P. R. Hackenberger & Stephan Hinderlich N-Azidoacetylmannosamine and NAzidoacetylgalactosamine Incorporation into N-Glycans of Recombinantly Expressed Human Lactotransferrin by Metabolic Oligosaccharide Engineering

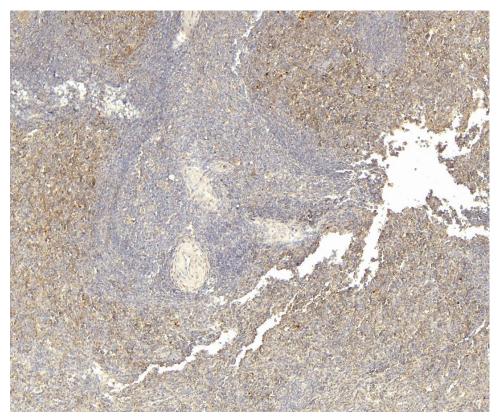
Journal of Carbohydrate Chemistry, 30:4-6, 334-346 (2011)

PMID: 0

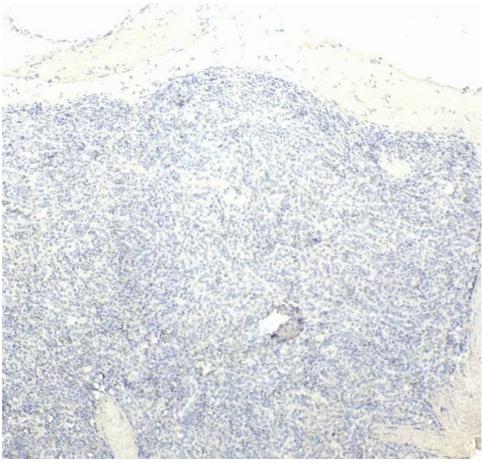


EB08987 optimised QC. Primary incubation 1 hour at room temperature.

Images A, B: Human Bone Marrow and Prostate lysate at primary Ab concentration 0.01ug/ml. Image C: Human Spleen lysate at primary Ab concentration 0.005ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB08987 (4µg/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer Ph 6, HRP-staining.



EB08987 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.