



## UK Office

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

## 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 albumin.

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

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx. 85kDa band observed in Human Peripheral Mononucleocyte lysates (calculated MW of 78.2kDa according to NP\_002334.2). Recommended concentration: 0.05-0.2µg/ml. This antibody has been successfully used in WB on Human: Heinz Möller et al. (2011) Journal of Carbohydrate Chemistry, 30:4-6, 334-346.

**IHC:** In paraffin embedded blood vessel shows strong staining of cytoplasm of neutrophils.. Recommended concentration, 2-4µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

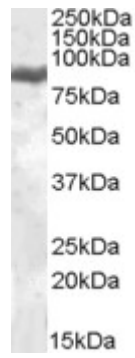
### Specific Reference

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

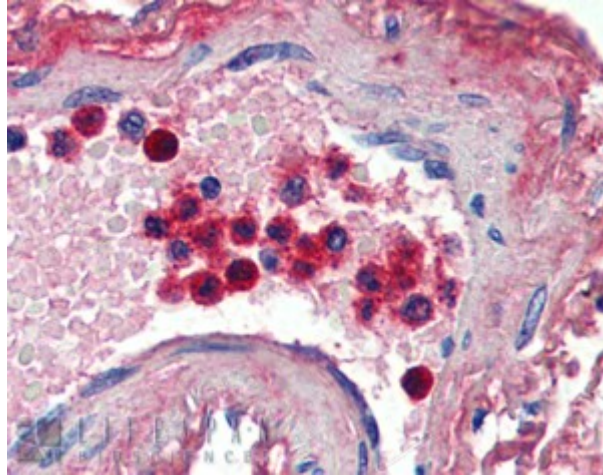
Heinz Möller, Verena Böhrsch, Christian P. R. Hackenberger & Stephan Hinderlich  
N-Azidoacetylmannosamine and NAzidoacetylgalactosamine Incorporation into N-Glycans of Recombinantly Expressed Human Lactotransferrin by Metabolic Oligosaccharide Engineering

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

PMID: 0



EB08987 (0.05 $\mu$ g/ml) staining of Peripheral Blood Mononucleocyte lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB08987 (2 $\mu$ g/ml) staining of paraffin embedded Human Blood Vessel. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.