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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 1:16000.

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

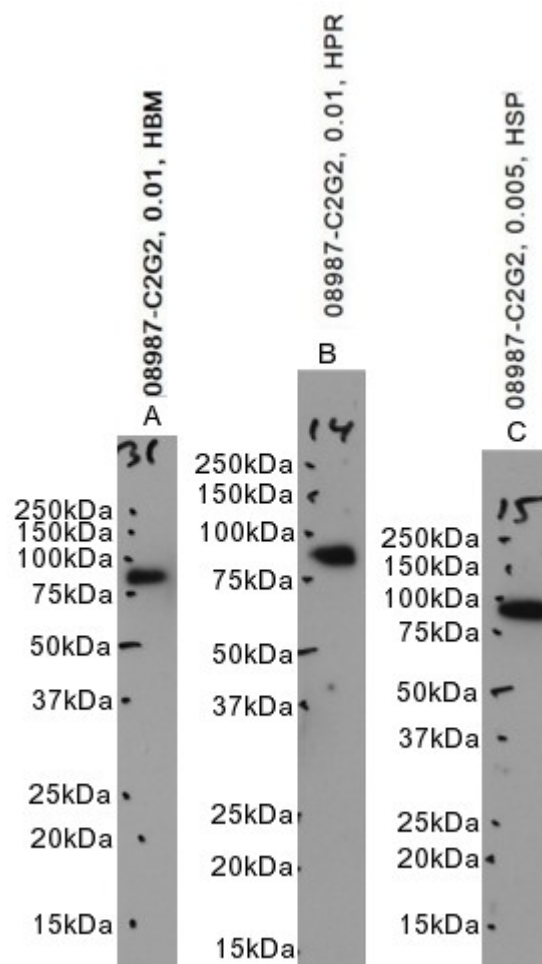
Specific Reference

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

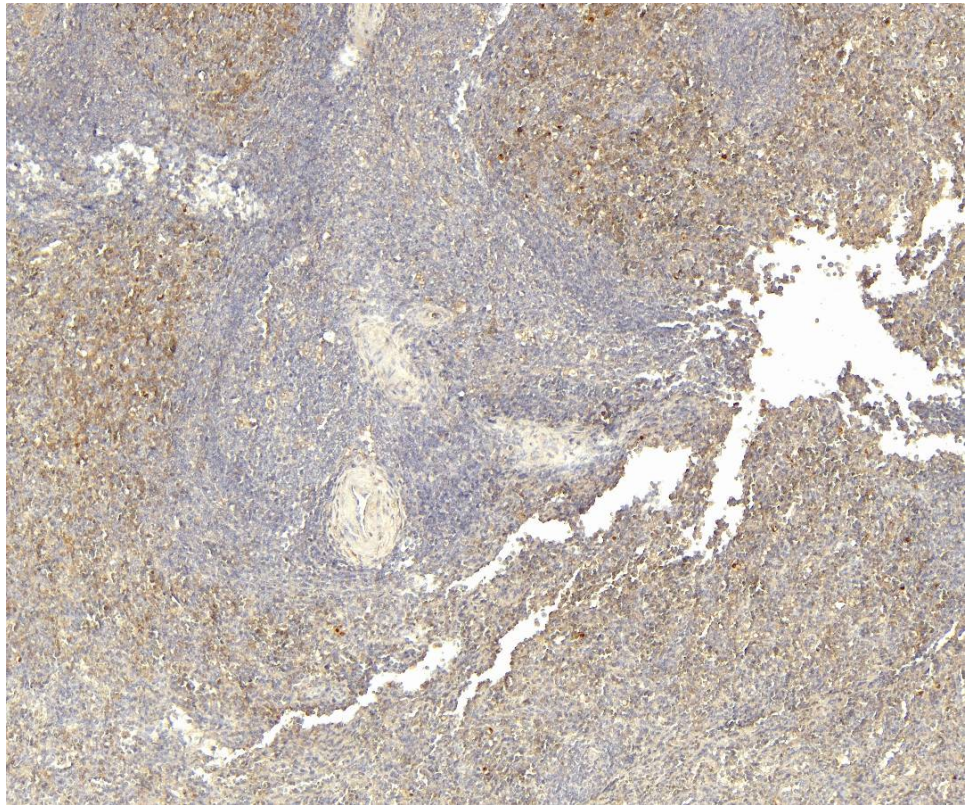
Heinz Möller, Verena Böhrsch, Christian P. R. Hackenberger & Stephan Hinderlich
N-Azidoacetylmannosamine and NAzidoacetyl galactosamine Incorporation into N-Glycans of Recombinantly Expressed Human Lactotransferrin by Metabolic Oligosaccharide Engineering

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

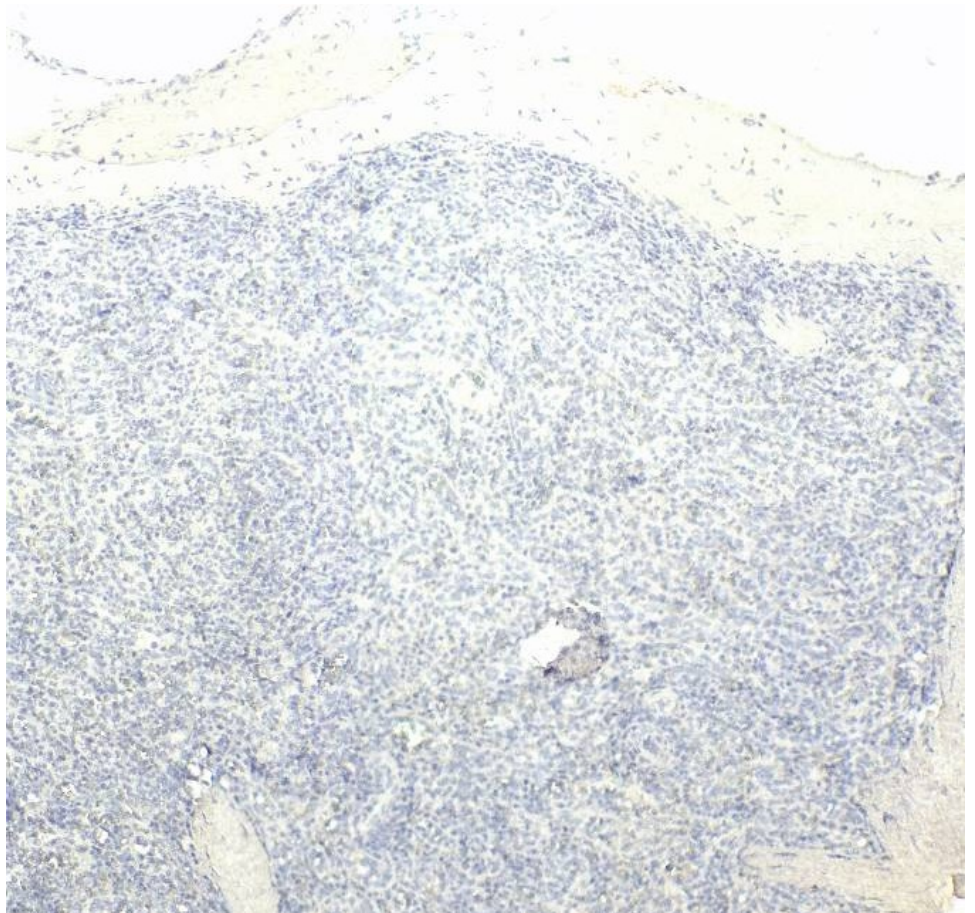
PMID: 0



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.