

Goat anti-LTF Antibody

Item Number	dAP-1613
Target Molecule	Principle Name: LTF; Official Symbol: LTF; All Names and Symbols: LTF; lactotransferrin; GIG12; HLF2; LF; growth-inhibiting protein 12; lactoferrin; neutrophil lactoferrin; talalactoferrin; Accession Number (s): NP_002334.2; Human Gene ID(s): 4057; Non-Human GeneID(s):
Immunogen	ENYKSQQSSDPDP, is from internal region
Applications	Pep ELISA, WB, IHC, EIA Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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.
IHC	Immunohistochemistry: In paraffin embedded blood vessel shows strong staining of cytoplasm of neutrophils.. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): de la Rosa G, Yang D, Tewary P, Varadhachary A, Oppenheim JJ Lactoferrin acts as an alarmin to promote the recruitment and activation of APCs and antigen-specific immune responses. J Immunol. 2008 May 15;180(10):6868-76..PMID: 18453607->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**