Datasheet for ABIN308453

anti-Lactoferrin antibody (Internal Region)

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Overview

Quantity:	100 µg
Target:	Lactoferrin (LTF)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Lactoferrin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	LTF
Immunogen:	C-ENYKSQQSSDPDP
Sequence:	ENYKSQQSSD PDP
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	Lactoferrin (LTF)
Alternative Name:	LTF (LTF Products)
Background:	LTF, lactotransferrin, GIG12, HLF2, LF, growth-inhibiting protein 12, lactoferrin, neutrophil lactoferrin, talalactoferrin
Gene ID:	4057
NCBI Accession:	NP_002334
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded blood vessel shows strong staining of cytoplasm of neutrophils.. Recommended concentration, 2-4 µg/mL. Western Blot: Approx. 85 kDa band observed in Human Peripheral Mononucleocyte lysates (calculated MW of 78.2 kDa according to NP_002334.2). Recommended concentration: 0.05-0.2 µg/mL. This antibody has been successfully used in WB on Human: Heinz Möller et a Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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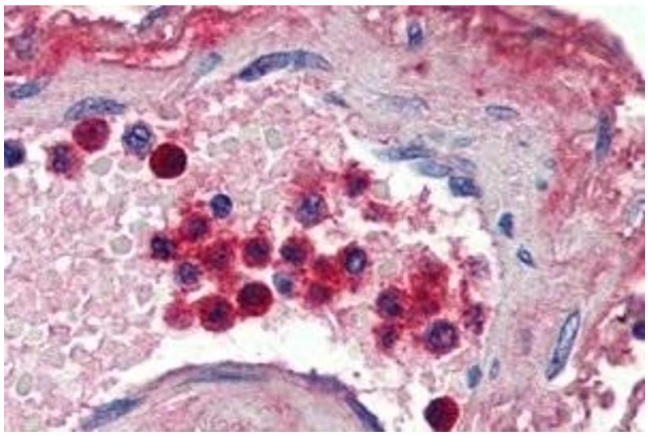


Immunohistochemistry

Image 1. (ABIN308453) (2 µg/mL) staining of paraffin embedded Human Blood Vessel. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

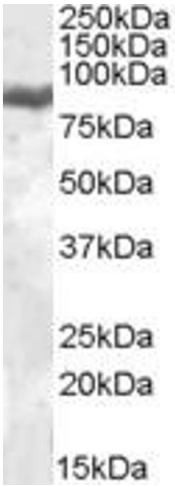
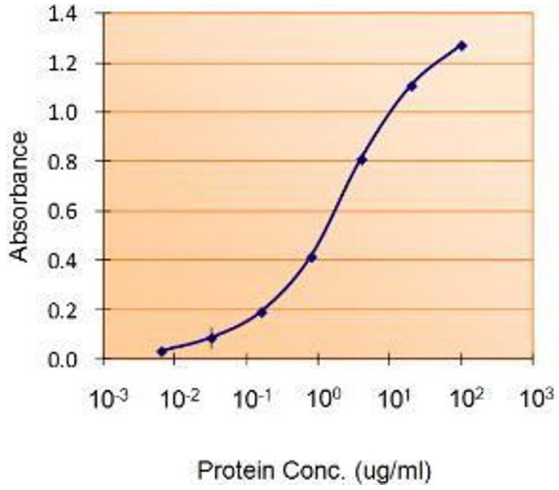


Image 2. ABIN308453 (0.05µg/ml) staining of Peripheral Blood Mononucleocyte lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Enzyme Immunoassay

Image 3. ABIN308453 (5ug/ml) as the reporter with as the capture rabbit antibody (5ug/ml).

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