

Datasheet for ABIN4911674
anti-Lactoferrin antibody[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Lactoferrin (LTF)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Lactoferrin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This LTF Monoclonal antibody is generated from mouse immunized with LTF recombinant protein.
Clone:	9C1
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	Lactoferrin (LTF)
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Target Details

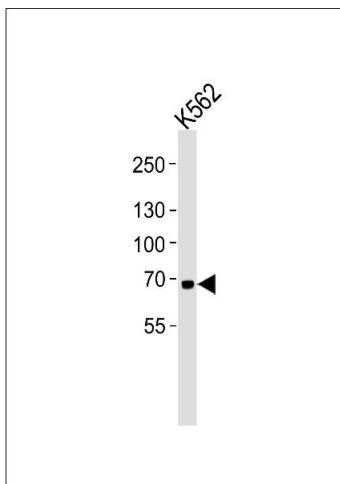
Alternative Name:	LTF (LTF Products)
Background:	<p>Synonyms: LF, HLF2, GIG12, HEL110, Lactotransferrin, Lactoferrin, Growth-inhibiting protein 12, Talalactoferrin, LTF</p> <p>Background: This gene is a member of the transferrin family of genes and its protein product is found in the secondary granules of neutrophils. The protein is a major iron-binding protein in milk and body secretions with an antimicrobial activity, making it an important component of the non-specific immune system. The protein demonstrates a broad spectrum of properties, including regulation of iron homeostasis, host defense against a broad range of microbial infections, anti-inflammatory activity, regulation of cellular growth and differentiation and protection against cancer development and metastasis.</p>
Gene ID:	4057
UniProt:	P02788
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF()
Restrictions:	For Research Use only

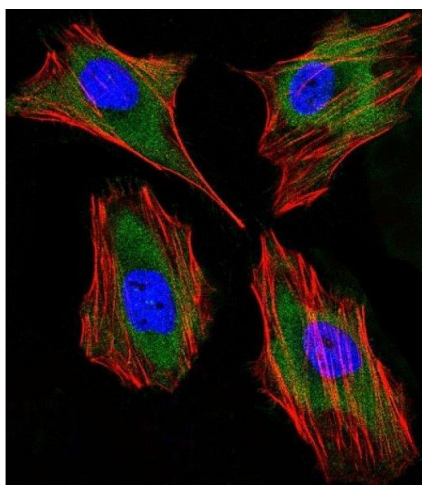
Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Western Blotting

Image 1. Lane 1: K562 Cell lysates, probed with LTF (119CT80.1.1) Monoclonal Antibody, unconjugated (bsm-51024M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.



Immunofluorescence (Cultured Cells)

Image 2. Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells, stained with LTF (119CT80.1.1) Monoclonal Antibody (bsm-51024M) at 1:25 dilution, followed by Goat anti-mouse IgG secondary antibody at 1:200 dilution. Immunofluorescence image shows cytoplasm staining in HeLa cells (green), actin (red), and nuclear counter stain with DAPI (blue).