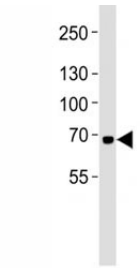
LTF Antibody / Lactoferrin [clone 119CT80.1.1] (F40211)

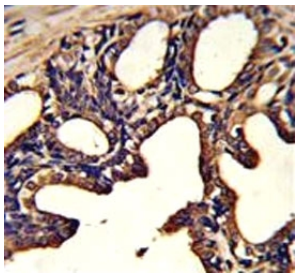
Catalog No.	Formulation	Size
F40211-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40211-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	119CT80.1.1
Purity	Purified
UniProt	P02788
Applications	Western Blot : 1:1000 Immunohistochemistry (FFPE) : 1:50-1:100 Immunofluorescence : 1:10-1:50
Limitations	This LTF antibody is available for research use only.



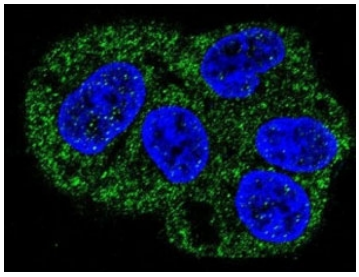
Western blot analysis of lysate from K562 cell line using LTF antibody at 1:1000.
Predicted molecular weight: ~78/73kDa (isoforms 1/2). (1)



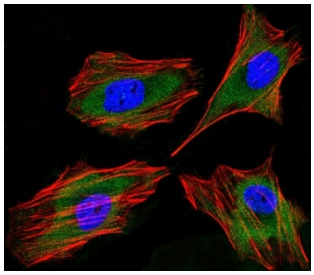
IHC analysis of FFPE human prostate carcinoma tested with LTF antibody



Immunofluorescence analysis of LTF antibody and paraffin-embedded human prostate carcinoma tissue. Primary Ab was followed by PE-conjugated goat anti-mouse lgG. PE emits orange fluorescence.



Confocal immunofluorescent analysis of LTF antibody with HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-mouse lgG (green). DAPI was used as a nuclear counterstain (blue).



Immunofluorescent staining of fixed and permeabilized human HeLa cells with LTF antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).

Description

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.

Application Notes

Titration of the LTF antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. The specific epitope of this Ab is not known so we can not confirm that isoform 2 can be detected.

Immunogen

This LTF antibody was produced from a mouse immunized with LTF recombinant protein.

Storage

Aliquot the LTF antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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