

# Product Datasheet

## Lactoferrin Antibody NBP1-05027

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-05027****Lactoferrin Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

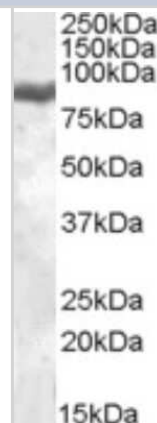
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Lactoferrin Antibody (NBP1-05027) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Lactoferrin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	4057
<b>Gene Symbol</b>	LTF
<b>Species</b>	Human
<b>Immunogen</b>	This Lactoferrin Antibody was developed against a peptide with sequence C-ENYKSQQSSDPDP corresponding to internal region according to NP_002334.2.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.05 - 0.2 ug/mL, Immunohistochemistry 2 - 4 ug/mL, Immunohistochemistry-Paraffin 2 - 4 ug/mL, Peptide ELISA Detection limit 1:32000

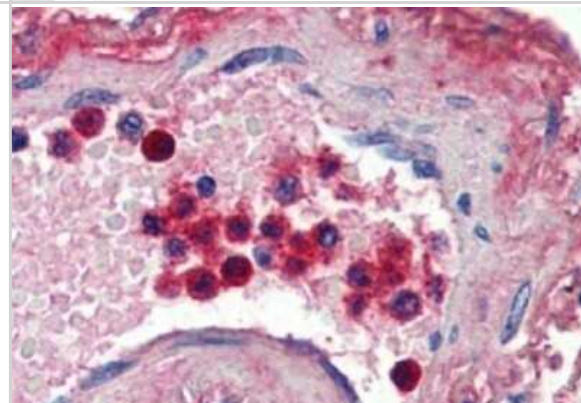


## Images

Western Blot: Lactoferrin Antibody [NBP1-05027] - Analysis of Lactoferrin in Peripheral Blood Mononucleocyte lysate using NBP1-05027 at 0.05 ug/mL (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. Approx. 85 kDa band observed (calculated MW of 78.2 kDa according to NP\_002334.2).



Immunohistochemistry-Paraffin: Lactoferrin Antibody [NBP1-05027] - Staining of Human Blood Vessel with antibody at 2 ug/mL shows strong staining of cytoplasm of neutrophils. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

de la Rosa G, Yang D, Tewary P et al. Lactoferrin acts as an alarmin to promote the recruitment and activation of APCs and antigen-specific immune responses. J Immunol 2008-05-15 [PMID: 18453607]

Fahrbach KM, Malykhina O, Stieh DJ, Hope TJ. Differential binding of IgG and IgA to mucus of the female reproductive tract. PLoS One. 2013-10-02 [PMID: 24098437] (WB, Human)



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### **Products Related to NBP1-05027**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00004057-P01-2ug	Recombinant Human Lactoferrin GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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