

Product Datasheet

Anti-Lactoferrin Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL01600

Product Information

Product name	Anti-Lactoferrin Rabbit pAb	
Source	Rabbit	
Species reactivity	Human	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:500
Cellular localization	Cytoplasm, Nucleus, Secreted	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

The first function attributed to lactoferrin (Lf), an iron binding protein belonging to the non-immune natural defences, was antimicrobial activity that depended on its capacity to sequester iron. Lactoferrin is found in milk, tears and leukocytes. Lactoferrin also attenuates the pathogenic potential of *H. influenzae* by proteolytic degradation of the Hap adhesin. While lactoferrin may aid in the transmission of human T cell leukemia virus type 1, lactoferrin inhibits HIV-1 replication at the level of viral fusion and entry into cells.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Lactoferrin.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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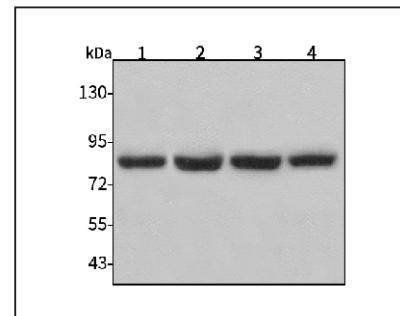
Anti-Lactoferrin Rabbit pAb



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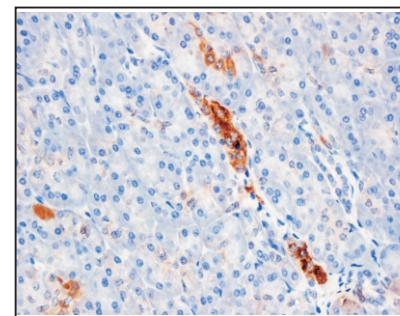
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Product Images



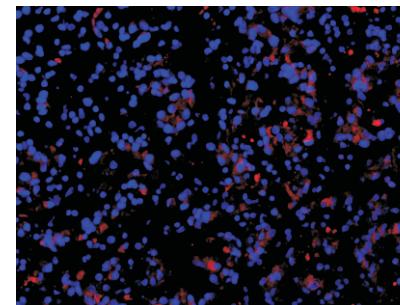
Western blot-Anti-Lactoferrin pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human SGC-7901 cell lysate
Lane 4: Human MCF-7 cell lysate
All lanes: Anti-Lactoferrin at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 79 kDa
Observed band size: 85 kDa



Immunohistochemistry-Anti-Lactoferrin pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-Lactoferrin Rabbit Antibody at 1:150 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Lactoferrin pAb

Immunofluorescence analysis of paraffin-embedded human breast cancer using anti-Lactoferrin Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

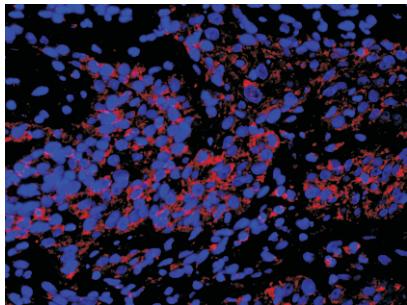
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Immunofluorescence-Anti-Lactoferrin pAb

Immunofluorescence analysis of paraffin-embedded human esophagus cancer using anti-Lactoferrin Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.