

产品名称: Lactoferrin(Q100)Mouse Monoclonal Antibody
产品货号: AMM13184



产品概述 (Summary)

产品名称 (Production Name)	Lactoferrin(Q100)Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ICC,IF,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS, pH 7.4, containing 0.5%protective protein, 0.02% New type preservative N as Preservative and 50% Glycerol.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	LTF
别名 (Alternative Names)	LTF; LF; Lactotransferrin; Lactoferrin; Talalactoferrin
基因 ID (Gene ID)	4057.0
蛋白 ID (SwissProt ID)	P02788.Synthetic Peptide of Lactoferrin

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	77kDa

研究背景 (Background)

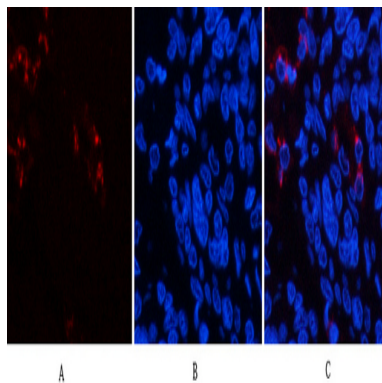
This gene is a member of the transferrin family of genes and its protein product is found in the secondary granules of

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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. Antimicrobial, antiviral, antifungal and antiparasitic activity has been found for this protein and its peptides. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014],catalytic activity:Preferential at -Arg-Ser-Arg-Arg-|- and -Arg-Arg-Ser-Arg-|-, and of Z-Phe-Arg-|-aminomethylcoumarin.,function:Lactoferroxins A, B and C have opioid antagonist activity. Lactoferroxin A shows preference for mu-receptors, while lactoferroxin B and C have somewhat higher degrees of preference for kappa-receptors than for mu-receptors.,function:Lactotransferrin has antimicrobial activity which depends on the extracellular cation concentration.,function:The lactotransferrin transferrin-like domain 1 functions as a serine protease of the peptidase S60 family that cuts arginine rich regions. This function contributes to the antimicrobial activity.,function:Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate.,online information:Lactotransferrin entry,similarity:Belongs to the transferrin family.,similarity:Contains 2 transferrin-like domains.,subunit:Monomer.,

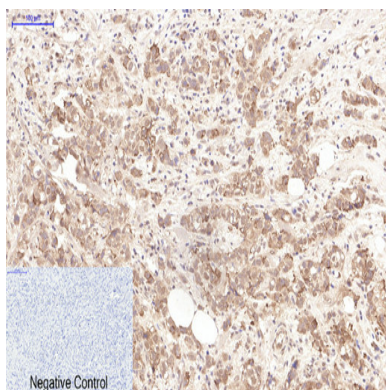
研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of human-lung-cancer tissue. 1,Lactoferrin Monoclonal Antibody (Q100) (red) was diluted at 1:200 (4°C,overnight) . 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min) .3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

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Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue. 1,Lactoferrin Monoclonal Antibody (Q100) was diluted at 1:200 (4°C,overnight) . 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C,20min) . 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) . Negative control was used by secondary antibody only.

注意事项 (Note)

For research use only .