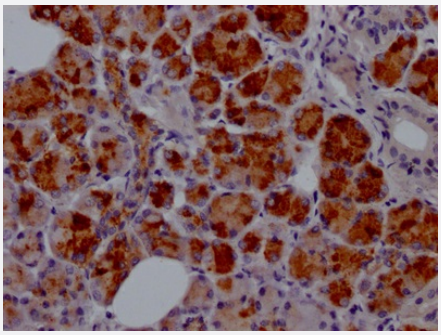
RecomAb™ Sm Size

LTF recombinant monoclonal antibody, clone 6B6

Catalog # RAB08488 Size 50 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human salivary gland tissue using LTF recombinant monoclonal antibody on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LTF.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human LTF.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human salivary gland tissue using LTF recombinant monoclonal antibody on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LTF

Entrez GeneID	4057
Protein Accession#	P02788
Gene Name	LTF
Gene Alias	GIG12, HLF2, LF
Gene Description	lactotransferrin
Omim ID	150210
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the transferrin family of genes and its protein product is found in the sec ondary granules of neutrophils. The protein is a major iron-binding protein in milk and body secreti ons with an antimicrobial activity, making it an important component of the non-specific immune s ystem. The protein demonstrates a broad spectrum of properties, including regulation of iron hom eostasis, host defense against a broad range of microbial infections, anti-inflammatory activity, re gulation of cellular growth and differentiation and protection against cancer development and met astasis. [provided by RefSeq
Other Designations	growth-inhibiting protein 12|lactoferrin|neutrophil lactoferrin|talalactoferrin

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Disease

- Abortion
- Aggressive Periodontitis
- Alzheimer disease
- Asthma
- Bronchiolitis
- Chorioamnionitis
- Chronic Periodontitis
- Cognition
- Dental Caries
- Diarrhea
- Disease Progression
- Dyslipidemias
- Fetal Membranes
- Genetic Predisposition to Disease
- Glomerulonephritis
- Glucose Intolerance
- Infant
- Obesity
- Obstetric Labor
- Pre-Eclampsia
- Premature Birth
- Respiratory Syncytial Virus Infections
- Tobacco Use Disorder

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