

LTF monoclonal antibody, clone NI 25 (Biotin)

Catalog # MAB10068 Size 200 ug

Specification

Product Description	Mouse monoclonal antibody raised against LTF.
Immunogen	Purified LTF from human milk.
Host	Mouse
Reactivity	Human
Specificity	The antiserum does not react with any other component of the human milk or plasma protein as tested. This antiserum has not been tested for cross-reactivity with other species.
Form	Lyophilized
Conjugation	Biotin
Isotype	IgG1, kappa
Recommend Usage	ELISA (1:25) Western Blot (1:50) Immunohistochemistry (1:20) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.2
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.5 mL deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — LTF

Entrez GeneID [4057](#)

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 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. [provided by RefSeq]

Other Designations growth-inhibiting protein 12|lactoferrin|neutrophil lactoferrin|talalactoferrin

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](#)