

# LTF monoclonal antibody, clone NI 25 (FITC)

Catalog # MAB10069      Size 200 ug

## Specification

|                            |                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against LTF.                                                                                                                                    |
| <b>Immunogen</b>           | Purified LTF from human milk.                                                                                                                                                    |
| <b>Host</b>                | Mouse                                                                                                                                                                            |
| <b>Reactivity</b>          | Human                                                                                                                                                                            |
| <b>Specificity</b>         | 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. |
| <b>Form</b>                | Lyophilized                                                                                                                                                                      |
| <b>Conjugation</b>         | FITC                                                                                                                                                                             |
| <b>Isotype</b>             | IgG1, kappa                                                                                                                                                                      |
| <b>Recommend Usage</b>     | Immunohistochemistry (1:10)<br>The optimal working dilution should be determined by the end user.                                                                                |
| <b>Storage Buffer</b>      | Lyophilized from PBS, pH 7.2                                                                                                                                                     |
| <b>Storage Instruction</b> | Store at 4°C on dry atmosphere.<br>After reconstitution with 0.5 mL deionized water, store at -20°C or lower.<br>Aliquot to avoid repeated freezing and thawing.                 |

## Applications

- Western Blot
- Immunohistochemistry

## Gene Info — LTF

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">4057</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Name          | LTF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Alias         | GIG12, HLF2, LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Description   | lactotransferrin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Omim ID            | <a href="#">150210</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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](#)