

Datasheet

LTF monoclonal antibody, clone NI 25 (TRITC)

Catalog Number: MAB10072

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against LTF.

Clone Name: NI 25

Immunogen: Purified LTF from human milk.

Host: Mouse

Reactivity: Human

Applications: IF, IHC

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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: TRITC

Isotype: IgG1, kappa

Recommend Usage: Immunohistochemistry (1:10-1:100)

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.

Entrez GeneID: 4057

Gene Symbol: LTF

Gene Alias: GIG12, HLF2, LF

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]