

Mouse anti-Human Lactoferrin Monoclonal Antibody | anti-LTF antibody

Anti-Lactoferrin PE

CATALOG # AAA128661	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

Lactoferrin; Monoclonal Antibody; Anti-Lactoferrin PE; lactotransferrin; LF; Lactotransferrin; LTF; anti-LTF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	LF5-1D2
Specificity	The mouse monoclonal antibody LF5-1D2 recognizes lactoferrin, an iron-binding secreted glycoprotein of about 90 kDa, which has anti-inflammatory, immunomodulatory and anti-microbial properties.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	475
Applicable Applications for anti-LTF antibody	FCM/FACS (Flow Cytometry)
Immunogen	human lactoferrin
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-LTF antibody	Lactoferrin is an iron-binding glycoprotein of the transferrin family, which is released to most biological fluids, with particularly high levels in milk. It has anti-inflammatory (e.g. sequestering of lipopolysaccharides), anti-microbial (e.g. blocking of viral attachment to the target cell), and immunomodulatory properties and can prevent infections in young children. Lactoferrin is considered to bridge the innate and adaptive immune responses. It also participates in iron homeostasis, regulation of cellular growth and differentiation and protection against cancer development and metastasis. Besides biological fluids it is also found in the secondary granules of neutrophils.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2104522
NCBI GeneID	4057
UniProt Accession #	P02788
NCBI Official Full Name	lactoferrin, partial

NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	LF; HLF2; GIG12; HEL110
NCBI Protein Information	lactotransferrin
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	LTF
UniProt Synonym Gene Names	GIG12; LF; Lactoferrin; Lfcin-H
UniProt Entry Name	TRFL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/lactoferrin-antibody-clone-lf5-1d2-flow-cytometry-elisa/128661>