Datasheet for ABIN5711939

anti-Lactoferrin antibody

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Overview

Quantity:	0.1 mg
Target:	Lactoferrin (LTF)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Lactoferrin antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	human lactoferrin
Clone:	LF5-1D2
Isotype:	IgG1
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.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

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Target Details

Target:	Lactoferrin (LTF)
Alternative Name:	Lactoferrin (LTF Products)
Background:	Lactotransferrin,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.,LF, Lactotransferrin, LTF
Gene ID:	4057
UniProt:	P02788
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL. Intracellular staining.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

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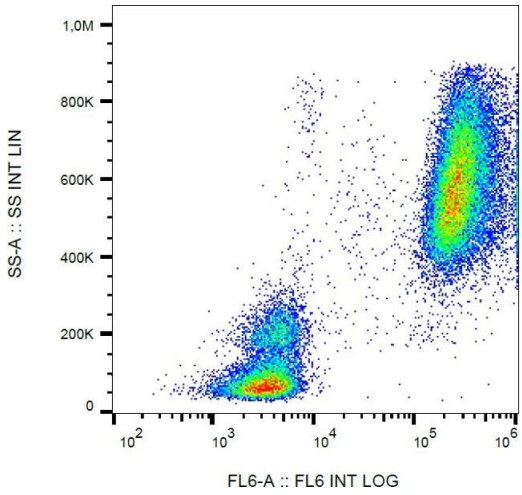

Flow Cytometry

Image 1. Flow cytometry analysis (intracellular staining) of human peripheral blood cells using anti-lactoferrin (LF5-1D2) purified, GAM-APC.

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