



Lactoferrin Monoclonal Antibody

Cat #: ABM40160

Size: 30µl /100µl /200µl

Product Information

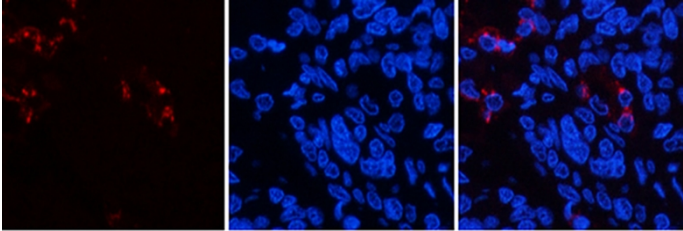
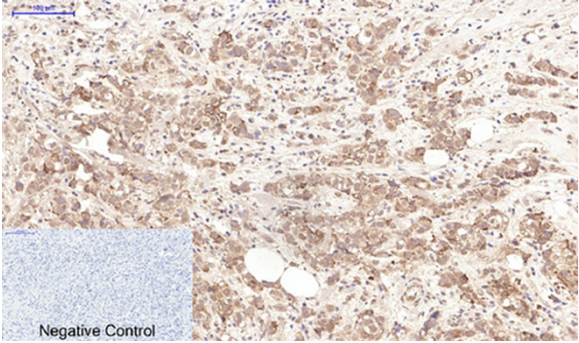
	Product Name: Lactoferrin Monoclonal Antibody		
	Applications: IHC-P, IF, ELISA		Isotype: Mouse IgG1
	Reactivity: Human		
REF	Catalog Number: ABM40160	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: LTF is a member of the transferrin family of genes and lactotransferrin is found in the secondary granules of neutrophils. lactotransferrin 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. lactotransferrin 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. Antimicrobial, antiviral, antifungal and antiparasitic activity has been found for lactotransferrin and its peptides. Alternatively spliced transcript variants encoding different isoforms have been found for LTF.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: ELISA (1:5000-1:10000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

 <p>A B C</p>	<p>Fig.1. Immunofluorescence analysis of human lung cancer tissue. 1, Lactoferrin Monoclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10m</p>
 <p>Negative Control</p>	<p>Fig.2. Immunohistochemical analysis of paraffin-embedded human breast cancer tissue. 1, Lactoferrin Monoclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.</p>

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.