

# Human Lactoferrin Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A80-144A                      GeneID      4057

Lot No.                      A80-144A-1



<b>APPLICATIONS</b>	WB, IHC, ICC, ELISA
<b>SPECIES REACTIVITY</b>	Human
<b>ISOTYPE</b>	IgG
<b>AMOUNT</b>	1 ml at 1 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 2 years from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Rabbits were immunized with purified human lactoferrin human milk. Antiserum was solid phase adsorbed to ensure specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/antibody protein ratio is 4:1.

By immunoelectrophoresis and ELISA this antibody reacts specifically with human lactoferrin. This antibody may cross react with lactoferrin from other species.

**APPLICATIONS**                      Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot                      1:1,000 - 1:30,000

Immunohistochemistry      1:100 - 1:500

Immunocytochemistry      1:100 - 1:500

ELISA                              1:1,000 - 1:30,000; for coating plates 1:100 - 1:500

**APPLICATION NOTES**              Not all listed applications have been specifically tested by our laboratory.

**ADDITIONAL INFO**                      <https://www.bethyl.com/product/A80-144A>  
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

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