

**Lactoferrin Antibody**  
**Rabbit mAb**  
**Catalog # AP91251**

**Specification**

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**Lactoferrin Antibody - Product Information**

Application	<b>WB, IHC, IP</b>
Primary Accession	<a href="#">P02788</a>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
GIG12; Growth inhibiting protein 12; HLF2; Kaliocin 1; Lactoferrin; Lactoferroxin-C; Lactotransferrin; LF; LTF; Neutrophil lactoferrin; Talalactoferrin;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>78182 Da</b>

**Lactoferrin Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Lactoferrin</b>
Description	<b>Lactoferroxins A, B and C have opioid antagonist activity. Lactoferroxin A shows preference for mu-receptors, while lactoferroxin B and C have somewhat higher degrees of preference for kappa-receptors than for mu-receptors.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Lactoferrin Antibody - Protein Information**

**Name** LTF ([HGNC:6720](#))

**Synonyms** GIG12, LF

**Function**

Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate.

**Cellular Location**

[Isoform 1]: Secreted. Cytoplasmic granule. Note=Secreted into most exocrine fluids by various endothelial cells Stored in the secondary granules of neutrophils

**Tissue Location**

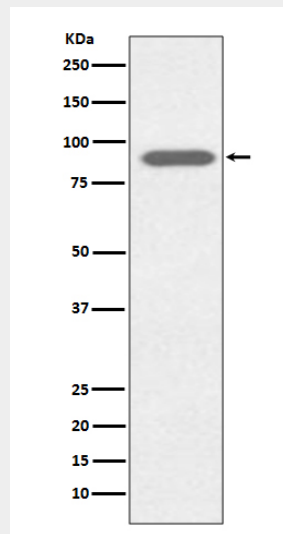
High levels are found in saliva and tears, intermediate levels in serum and plasma, and low levels in urine. In kidney, detected in the distal collecting tubules in the medulla but not in the cortical region or in blood vessels. Detected in peripheral blood neutrophils (at protein level). Isoform 1 and isoform DeltaLf are expressed in breast, prostate, spleen, pancreas, kidney, small intestine, lung, skeletal muscle, uterus, thymus and fetal liver Isoform 1 is expressed in brain, testis and peripheral blood leukocytes; isoform DeltaLf is barely detectable in these tissues Isoform DeltaLf is expressed in placenta, liver and ovary; isoform 1 is barely detectable in these tissues. In kidney, isoform 1 is expressed at high levels in the collecting tubules of the medulla but at very low levels in the cortex.

## Lactoferrin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Lactoferrin Antibody - Images



Western blot analysis of Lactoferrin expression in HeLa cell lysate.