

## Lactotransferrin Antibody

**Subcategory:** Mouse Monoclonal Antibody

**Cat. No.:** 250111

**Unit:** 0.1 mg

**Description:**

Transferrins are iron binding transport proteins which can bind two ferric ions in association with the binding of an anion, usually bicarbonate. Lactotransferrin has an antimicrobial activity that depends on the extracellular cation concentration. The lactotransferrin peptidase S60 domain 1 functions as a serine protease that cleaves arginine-rich regions, contributing to the antimicrobial activity. Lactoferroxins A, B and C contained within lactotransferrin have opioid antagonist activity.

**Isotype:** mouse IgG2a

**Applications:** E, WB

**Species Reactivity:** H

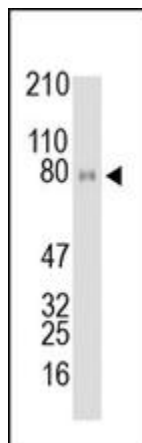
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

**Alternate Names:** Lactotransferrin; Lactoferrin; Talalactoferrin alfa; Kaliocin-1; Lactoferroxin A; Lactoferroxin B; Lactoferroxin C; LTF; LF

**Accession No.:** P02788

**Antigen:** Purified human lactotransferrin protein

**Application Notes:** E: 1 ug/ml; WB: 1 ug/ml



**The Lactotransferrin Antibody is used in Western blot to detect purified human lactotransferrin.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.