

## Product datasheet for **AM20793PU-S**

### Lactoferrin (LTF) Mouse Monoclonal Antibody [Clone ID: KT33]

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Clone Name:           | KT33   |
| Applications:         | ELISA  |
| Recommended Dilution: | ELISA: 1 µg/ml.<br>Western blotting: 1 µg/ml.  |
| Reactivity:           | Human  |
| Host:                 | Mouse  |
| Isotype:              | IgG2a  |
| Clonality:            | Monoclonal   |
| Immunogen:            | Human lactoferrin  |
| Specificity:          | This antibody reacts to Lactotransferrin.  |
| Formulation:          | PBS containing 0.09% sodium azide as a preservative<br>State: Aff - Purified<br>State: Liquid purified Ig fraction   |
| Concentration:        | lot specific   |
| Purification:         | Protein A chromatography   |
| Conjugation:          | Unconjugated   |
| Storage:              | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | lactotransferrin   |
| Database Link:        | <a href="#">Entrez Gene 4057 Human P02788</a>  |
| Background:           | Lactoferrin(Lf), one of transferrin family, is found in external fluids, including milk and mucosal secretions, and prominent components of the secondary granules of neutrophils. Lf consists of a single polypeptide chain (approximately 80 kDa) folded into two structurally homologous lobes, each of which can reversibly bind one ferric ion (Fe <sup>3+</sup> ). Lf plays a central role in iron metabolism and host defense system against microbial infection. |



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**Synonyms:** LTF, LF, Lactoferrin, EC=3.4.21, Talalactoferrin

**Protein Families:** Druggable Genome, Protease, Secreted Protein