

## Product datasheet for **AM20793PU-L**

### 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. 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 State: Aff - Purified 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. 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