

Recombinant Bovine TNF Alpha,
monoclonal

CatNo **LPB005**

BatchNo: See label
Expiration Date: See label
Storage: 2-8°C lyophilized
-70 reconstituted

Volume/Quantity:	0.02 mg
Product form:	Purified Recombinant Protein- lyophilized
Reconstitution:	Reconstitute with 0.5 ml distilled water.
	Further dilutions should be made in a buffer containing carrier protein.
	Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. LINARIS recommend that the vial is gently mixed after reconstitution.
Preparation:	Recombinant protein expressed in Pichia pastoris
Buffer solution:	Phosphate buffered saline
Preservatives Stabilisers:	None present
Endotoxin Level:	< 0.06 EU/ug
Synonyms:	TNFA, TNFSF2
Protein Molecular Weight:	17.4 kD
Purity:	>95% by SDS PAGE analysis
ELISA:	LPB005 may be used as a standard with MAK2334 or MAK2335B.
Product information:	Bovine Tumour Necrosis Factor alpha (TNF alpha) is produced by a range of cells, including macrophages, monocytes, T and B lymphocytes. TNF alpha is an important mediator of the bovine inflammatory response.
	Bovine Tumour Necrosis Factor alpha (LPB005) has an ED ₅₀ in the range of 10-25 ng/ml, determined by measuring the cytolytic effect of recombinant bovine TNF alpha on murine WEHI-13VAR cells in the presence of Actinomycin D.

Applications:	Suggested Working Dilution
ELISA	Yes
Functional Assays	Yes

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Storage Conditions:	Prior to reconstitution store at +4°C. Following reconstitution store at -70°C. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life:	12 months from date of despatch.
Health and Safety Information:	(A full Health and Safety assessment is available upon request)

LPB005 231016-1/1 **For Research purposes only. Not for therapeutic or diagnostic use.**