

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	TNF-Alpha, Human, clone T3, biotinylated		
Catalog number	HM2026BT-50UG		
Lot number	-	Expiry date	-
Volume	500 µl	Amount	50 µg
Formulation	0.2 µm filtered in PBS+0.1%BSA+0.02%NaN3	Concentration	100 µg/ml
Host Species	Mouse IgG1	Conjugate	Biotin
Endotoxin	N.A.	Purification	Protein G
Storage	4°C		

Application notes

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #								
Yes				•		•	•	•
No								
N.D.	•	•	•		•			

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.

General Information

Description	The antibody reacts with free soluble (17 kDa) and membrane (26 kDa) human TNF-alpha. The antibody inhibits the biological activity of soluble and membrane TNF-alpha. The antibody can be a useful tool to discriminate between receptor bound soluble (17 kDa) and the membrane (26 kDa) form of TNF-alpha. For this purpose we recommend to use this antibody in combination with the anti-TNF-alpha antibody HM2024, which recognizes only soluble and membrane TNF-alpha, but not the receptor bound TNF-alpha.
Aliases	Tumor necrosis factor, Cachectin, Tumor necrosis factor ligand superfamily member 2, Tumor necrosis factor, membrane form, C-domain 2, Tumor necrosis factor, soluble form
Gene	Gene name: TNFA, TNFSF2
References	1. Gerspach, J et al; Detection of membrane-bound Tumor Necrosis Factor (TNF): an analysis of TNF-specific reagents. <i>Microsc Res Tech</i> 2000, 50: 243
Storage&stability	Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year.
Precautions	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC
Brenda Teunissen

Date
04/11/2019

Do you have any questions or comments regarding this product? Please contact us via support@hycultbiotech.com.