

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	Lipid A, clone 43	Expiry date	-
Catalog number	HM2046-200UG	Amount	~200 µg
Lot number	-	Concentration	>200 µg/ml
Volume	-	Conjugate	None
Formulation	Culture medium+0.02%NaN3	Purification	N.A.
Host Species	Mouse IgM		
Endotoxin	N.A.		
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 monoclonal antibody 43 reacts with the hydrophilic backbone of free lipid A. This antibody only reacts with lipid A not covalent bound to LPS. LPS is chemically composed of a lipid part, lipid A, which is responsible for the endotoxic activities of LPS, and a heteropolysaccharide which generally consists of an oligosaccharide, termed the core region, and, in some bacterial families, of the so-called O chain, composed of repeating oligosaccharide units.
References	<ol style="list-style-type: none"> 1. Kuhn, H et al; Characterization of the epitope specificity of murine monoclonal antibodies directed against lipid A. Infect Immun 1992, 60: 2201 2. Kuhn, H et al; The antibody reactivity of monoclonal lipid A antibodies is influenced by the acylation pattern of lipid A and the assay system employed. Immunobiol 1993, 189: 457
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
29/11/2019

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