

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name IL-6, Mouse, pAb

Catalog number HP8008

Lot number -

Expiry date -

Volume 1 ml

Amount 100 µg

Formulation 0.2 µm filtered in PBS+0.1%BSA

Concentration 100 µg/ml

Host species Rabbit IgG

Conjugate None

Endotoxin <24 EU/mg

Purification Protein 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.

- FS: The antibody can be used for neutralization of mouse and rat IL-6 in bio-assays. For neutralization of biological activity dilutions have to be made according to the amounts IL-6 to be inactivated.

General Information

Description The antibody reacts with natural and recombinant mouse interleukin 6 (IL-6) as assessed by ELISA. The antibody inhibits the biological activity of natural and recombinant mouse IL-6 as determined with the B9 cell bio-assay. The antibody cross-reacts with natural rat IL-6. IL-6 is a pluripotent 20-22 kDa cytokine which plays a role in the pathophysiology of severe infection and regulates the immune response, acute phase reaction and hematopoiesis. IL-6 plays a critical role in B-cell differentiation to plasma cells and is a potent growth factor for plasmacytoma and myeloma. Continuous IL-6 gene expression makes an essential contribution to a multistep oncogenesis of plasma cell neoplasia. IL-6 is a very useful culture supplement for the generation of a high number of antibody-producing hybridomas.

Cross reactivity Rat: Yes.

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
Robbert Zwinkels

Date
13/03/2018

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