

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	IgG2b, Mouse, clone MPC-11		
Catalog number	HI1022		
Lot number	-	Expiry date	-
Volume	100 µl	Amount	50 µg
Formulation	0.2 µm filtered in PBS+0.09%NaN3	Concentration	500 µg/ml
Host Species	Mouse IgG2b	Conjugate	None
Endotoxin	N.A.	Purification	Affinity
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

For mentioned applications dilutions to be used depend on detection system applied. It is recommended that users titrate the antibody for use in their system to a concentration equivalent to the test reagents.

General Information

Description	The Mouse IgG2b, mAb MPC-11 immunoglobulin is useful as an isotype control for several applications: Western blot, immunoprecipitation, immunohistochemistry, immunofluorescence microscopy and immunofluorescent staining (surface or intracellular) for flow cytometric analysis.
References	<ol style="list-style-type: none"> 1. Smed-Sørensen A, et al; IgG regulates the CD1 expression profile and lipid antigen-presenting function in human dendritic cells via FcγRIIIa. <i>Blood</i> 2008, <i>111</i>:10 2. Podolin P, et al; Inhibition of invariant chain processing, antigen-induced proliferative responses, and the development of collagen-induced arthritis and experimental autoimmune encephalomyelitis by a small molecule cysteine protease inhibitor. <i>J. Immunol.</i> 2008, <i>180</i>:12
Storage&stability	Product should be stored undiluted at 4°C. Avoid repeated freezing and thawing as this may denature the antibody. 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
20/03/2018

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