

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	IgG2a, Mouse, clone MOPC-173, FITC conjugated		
Catalog number	HI1019F-50UG		
Lot number	xxxxxXxxxx-X	Expiry date	MMM YYYY
Volume	100 µl	Amount	50 µg
Formulation	0.2 µm filtered in PBS+0.09%NaN3	Concentration	500 µg/ml
Host Species	Mouse IgG2a	Conjugate	FITC
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 IgG2a, mAb MOPC-173 immunoglobulin is useful as an isotype control for several applications: Western blot, immunoprecipitation, immunohistochemistry, immunofluorescence microscopy and flow cytometry.
References	<ol style="list-style-type: none"> Luckashenak N, et al; The Src homology 2 domain-containing leukocyte protein of 76-kDa adaptor links integrin ligation with p44/42 MAPK phosphorylation and podosome distribution in murine dendritic cells. <i>J. Immunol.</i> 2006, 177:8 Burman A, et al; IFNγ differentially controls the development of idiopathic pneumonia syndrome and GVHD of the gastrointestinal tract. <i>Blood</i> 2007, 110:3 Goo S, et al; Vibrio vulnificus IipA-induced cytokine production is mediated by Toll-like receptor 2. <i>J. Biol. Chem.</i> 2007, 282:38 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, 180:12 Ohno Y, et al; Association of epigenetic alterations in the human C7orf24 gene with the aberrant gene expression in malignant cells. <i>J Biochem.</i> 2013, 154:4
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
Brenda Teunissen

Date
04/05/2021

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