

Mouse IL-2 FluoroSpot^{BASIC} (550)

PRODUCT CODE: FS1-42-550

Capture antibody:	mAb 1A12, 1 mg/ml (600 µl)
Detection antibody:	mAb 5H4, biotinylated, 1 mg/ml (100 µl)
Fluorophore conjugate:	SA-550 (240 µl)
Fluorescence enhancer:	Ready-to-use Fluorescence enhancer-II (25 ml)
Supplied in:	Monoclonal antibodies are supplied in sterile filtered (0.2 µm) PBS with 0.02% sodium azide. Streptavidin-conjugate SA-550 and the Fluorescence enhancer contain 0.002% Kathon CG.
Quantity:	Reagents for 4 plates
Storage:	Shipped at ambient temperature. On arrival, store product refrigerated at 4-8°C.
Specificity:	Mouse IL-2
Applications:	For enumeration of IL-2 secreting cells using FluoroSpot. Please find the recommended assay conditions below.
Analysis:	A FluoroSpot reader equipped with a filter for Cy3 (excitation 550 nm/emission 570 nm) is recommended for analysis.
Protocols:	General protocol for the FluoroSpot assay is provided in the package and is also available at www.mabtech.com/fluorospot-protocol .

Assay conditions: Reagents should not be diluted in advance

Capture antibody	1A12	Dilute to 15 µg/ml
Detection antibody	5H4, biotinylated	Dilute to 2 µg/ml
Fluorophore conjugate	SA-550	Dilute 1:200
Fluorescence enhancer	Fluorescence enhancer-II	50 µl/well
Cell incubation time	12-48 hours in the plate	
Recommended positive controls	ConA (1-10 µg/ml)	

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Note; for research use only.

Mabtech shall not be liable for the use or handling of the product or for consequential, special, indirect or incidental damages therefrom.



Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the above standards.

Mabtech AB (Head Office)
Sweden
Tel +46 8 716 27 00
mabtech@mabtech.com
Augustendalstorget 9
SE - 131 52 Nacka Strand

Mabtech Inc.
USA
Tel: +1 513 871-4500
mabtech.usa@mabtech.com

Mabtech AB, Büro Deutschland
Germany
Tel: +49 40 4135 7935
mabtech.de@mabtech.com

Mabtech AB, Bureau de liaison
France
Tel: +33 (0)4 92 38 80 70
mabtech.fr@mabtech.com

Mabtech Australia Pty Ltd
Australia
Tel: +61 3 9470 4704
mabtech.au@mabtech.com