

# Human IL-13 FluoroSpot<sup>BASIC</sup> (550)

PRODUCT CODE: FS1-04-550

<b>Capture antibody:</b>	mAb MT1318, 0.5 mg/ml (1200 µl)
<b>Detection antibody:</b>	mAb 25K2, biotinylated, 0.5 mg/ml (260 µl)
<b>Fluorophore conjugate:</b>	SA-550 (240 µl)
<b>Fluorescence enhancer:</b>	Ready-to-use Fluorescence enhancer-II (25 ml)
<b>Supplied in:</b>	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.
<b>Quantity:</b>	Reagents for 4 plates
<b>Storage:</b>	Shipped at ambient temperature. On arrival, store product refrigerated at 4-8°C.
<b>Specificity:</b>	Human IL-13
<b>Applications:</b>	For enumeration of IL-13 secreting cells using FluoroSpot. Please find the recommended assay conditions below.
<b>Analysis:</b>	A FluoroSpot reader equipped with a filter for Cy3 (excitation 550 nm/emission 570 nm) is recommended for analysis.
<b>Protocols:</b>	General protocol for the FluoroSpot assay is provided in the package and is also available at <a href="http://www.mabtech.com/fluorospot-protocol">www.mabtech.com/fluorospot-protocol</a> .

**Assay conditions:** Reagents should not be diluted in advance

<b>Capture antibody</b>	MT1318	Dilute to 15 µg/ml
<b>Detection antibody</b>	25K2, biotinylated	Dilute 1:200
<b>Fluorophore conjugate</b>	SA-550	Dilute 1:200
<b>Fluorescence enhancer</b>	Fluorescence enhancer-II	50 µl/well
<b>Cell incubation time</b>	12-48 hours in the plate	
<b>Recommended positive controls</b>	Anti-CD3 mAb (mAb CD3-2 product code 3605-1-50) or PHA (1-10 µg/ml)	



**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.

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