

# Human IFN- $\gamma$ FluoroSpot<sup>BASIC</sup> (550)

PRODUCT CODE: FS1-01-550

<b>Capture antibody:</b>	mAb 1-D1K, 1 mg/ml (600 $\mu$ l)
<b>Detection antibody:</b>	mAb 7-B6-1, biotinylated, 1 mg/ml (100 $\mu$ l)
<b>Fluorophore conjugate:</b>	SA-550 (240 $\mu$ l)
<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 $\mu$ m) 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 IFN- $\gamma$
<b>Applications:</b>	For enumeration of IFN- $\gamma$ 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>	1-D1K	Dilute to 15 $\mu$ g/ml
<b>Detection antibody</b>	7-B6-1, biotinylated	Dilute to 2 $\mu$ g/ml
<b>Fluorophore conjugate</b>	SA-550	Dilute 1:200
<b>Fluorescence enhancer</b>	Fluorescence enhancer-II	50 $\mu$ l/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 $\mu$ g/ml)	

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Note; for research use only.

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