

# Human IL-1 $\beta$ FluoroSpot<sup>BASIC</sup> (550)

PRODUCT CODE: FS1-12-550

<b>Capture antibody:</b>	mAb MT175, 0.5 mg/ml (1200 $\mu$ l)
<b>Detection antibody:</b>	7P10, biotinylated, 0.5 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 IL-1 $\beta$
<b>Applications:</b>	For enumeration of IL-1 $\beta$ 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>	MT175	Dilute to 15 $\mu$ g/ml
<b>Detection antibody</b>	7P10, biotinylated	Dilute to 1 $\mu$ 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>	PHA (1-10 $\mu$ g/ml) or LPS (1-10 ng/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.

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