

Human TNF- α FluoroSpot^{BASIC} (550)

PRODUCT CODE: FS1-09-550

Capture antibody:	mAb MT25C5, 0.5 mg/ml (1200 μ l)
Detection antibody:	mAb MT20D9, biotinylated, 0.5 mg/ml (180 μ l)
Fluorophore conjugate:	SA-550 (240 μ l)
Fluorescence enhancer:	Ready-to-use Fluorescence enhancer-II (25 ml)
Supplied in:	Monoclonal antibodies are supplied in sterile filtered (0.2 μ m) 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:	Human TNF- α
Applications:	For enumeration of TNF- α secreting cells using FluoroSpot. Please find the recommended assay conditions below.
Analysis:	A FluoroSpot reader equipped with a filter for LED550, 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 . It is recommended to rest cryopreserved cells for at least one hour to allow removal of cell debris. To decrease background TNF- α spots, a subsequent resting overnight is recommended after removal of cell debris.
Assay conditions:	Reagents should not be diluted in advance

Capture antibody	MT25C5	Dilute to 15 μ g/ml
Detection antibody	MT20D9, biotinylated	Dilute to 2 μ g/ml
Fluorophore conjugate	SA-550	Dilute 1:200
Fluorescence enhancer	Fluorescence enhancer-II	50 μ l/well
Cell incubation time	12-48 hours in the plate	
Recommended positive controls	Anti-CD3 mAb (mAb CD3-2 product code 3605-1-50) or PHA (1-10 μ g/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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