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Technical Data Sheet

Product	**Anti-IFN gamma Alexa Fluor® 488**
Cat. Number/Size	**A4-706-T100** **100 tests**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	IFN gamma
Clone	4S.B3
Format	Alexa Fluor® 488
Reactivity	Non-human primates, Human
Application	WB, IHC-P, ICC, FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests. Intracellular staining.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody 4S.B3 recognizes IFN-gamma, a 16-25 kDa cytokine produced by activated Th1 cells and NK cells. Binds both glycosylated and non-glycosylated protein.
Other names	Interferon gamma, IFN-gamma
Immunogen	Interferon gamma derived from human leukocytes
Entrez Gene ID	3458
Gene name	IFNG
NCBI Full Gene Name	interferon gamma
UniProt ID	P01579

Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References	www.exbio.cz

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