



Technical Data Sheet

Product	Anti-CD3 zeta Alexa Fluor® 488	
Cat. Number/Size	A4-568-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD3 zeta
Clone	H146-968
Format	Alexa Fluor® 488
Reactivity	Mouse, Human
Application	FC (QC tested), WB, ICC
Application details	Flow cytometry: Recommended dilution: 1-3 µg/ml. Intracellular staining.
Excitation laser	blue (488 nm)
Isotype	Armenian Hamster IgG2 kappa
Specificity	The Armenian hamster antibody H146-968 reacts with an intracellular epitope (amino acids 151-164) of CD3 zeta chain (CD247), which is a component of TCR/CD3 complex expressed on T cells.
Other names	CD3 zeta chain, CD247, T3Z, TCRz, IMD25
Immunogen	Synthetic peptide corresponding to amino acids 151-164 of mouse CD3 zeta.
Entrez Gene ID	919
Gene name	CD247
NCBI Full Gene Name	CD247 molecule
UniProt ID	P20963

Concentration	0.1 mg/ml
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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