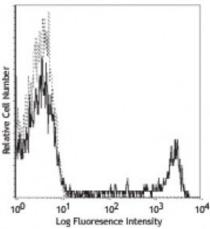
SONY

Product Data Sheet

PE anti-human CD8a

Catalog # / Size:	2105320 / 100 μg 2105035 / 25 tests	
	2105040 / 100 tests	
	2105255 / 500 tests	Relative Cell Number
Clone:	RPA-T8	Cell
Isotype:	Mouse IgG1, κ	lative
Reactivity:	Human	8
Preparation:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.	1 Hur
Formulation:	microg size: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. test sizes: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).	lym
Workshop Number:	IV T171	
Concentration:	microg sizes: 0.2 mg/ml test sizes: lot-specific	



Human peripheral blood lymphocytes stained with RPA-T8 PE

Applications:

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Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining using the microg size, the suggested use of this reagent is ≤ 0.5 microg per million cells in 100 microL volume. Test size products are transitioning from 20 microL to 5 microL per test . Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
Application Notes:	The RPA-T8 antibody does not block the binding of HIT8a antibody to CD8a. Additional reported applications of this antibody (for the relevant formats) include: immunohistochemical staining of paraformaldehyde-fixed frozen sections3 and costimulation of T cell responses4. This clone was tested in-house and does not work on formalin fixed paraffin-embedded (FFPE) tissue. The LEAF TM purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for functional assays (Cat. No. 301018).
Application References:	 Knapp W, <i>et al.</i> Eds. 1989. Leucocyte Typing IV. Oxford University Press. New York. Schlossman S, <i>et al.</i> Eds. 1995. Leucocyte Typing V. Oxford University Press. New York. Mack CL, <i>et al.</i> 2004. <i>Pediatr. Res.</i> 56:79. (IHC) Magidovich E, <i>et al.</i> 2007. <i>P. Natl. Acad. Sci. USA</i> 104:13022. Thakarl D, <i>et al.</i> 2008.<i>J. immunol.</i> 180:7431. <u>PubMed</u> Kmieciak M, <i>et al.</i> 2009. <i>J. Transl. Med.</i> 7:89. (FC) <u>PubMed</u>

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6. Thakral D, *et al.* 2008. *J. Immunol.* 180:7431. (FC) <u>PubMed</u> 7. Yoshino N, *et al.* 2000. *Exp. Anim. (Tokyo)* 49:97. (FC)

8. Rout N, et al. 2010. PLoS One 5:e9787. (FC)

Antigen1. Barclay N, *et al.* 1993. The Leucocyte Antigen FactsBook. Academic Press Inc.References:San Diego.