



CD8A Monoclonal Antibody, PE-Cy5 Conjugated

Product Code	CSB-MA985168
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA, IF, FC; Recommended dilution: IF: 1:100-1:200
Relevance	<p>COV8 reacts with the 32 kDa α chain of CD8. This molecule is expressed on the T suppressor/cytotoxic cell population (which comprises about 1/3 of the peripheral blood T lymphocytes total population) and with most of thymocytes, as well as a subset of NK cells. CD8 expresses as either a heterodimer with the CD8b chain (CD8ab) or as a homodimer (CD8aa or CD8bb). CD8 acts as a co-receptor with MHC Class I restricted TCRs in antigen recognition. CD8 function is important for positive selection of MHC Class I restricted CD8⁺ T cells during T cell development.</p> <p>* Ratio of CD4 and CD8 is important for monitor of HIV infection.</p> <ol style="list-style-type: none">1. Engleman EG et al. (1981) J Exp Med 153: 193-198.2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Springer-Verlag; 3-30.3. Parnes, JR. et al. (1989). Adv. Immunol. 44, 256-311.4. Bikah G. et al. (1996). Science 274:1906.
Form	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)