



# CD8A Monoclonal Antibody, Biotin Conjugated

<b>Product Code</b>	CSB-MA955671
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, IF, FC; Recommended dilution: IF: 1:100-1:200
<b>Relevance</b>	<p>COV8 reacts with the 32 kDa a 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"><li>1. Engleman EG et al. (1981) J Exp Med 153: 193-198.</li><li>2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Springer-Verlag; 3-30.</li><li>3. Parnes, JR. et al. (1989). Adv. Immunol. 44,256-311.</li><li>4. Bikah G. et al. (1996). Science 274:1906.</li></ol>
<b>Form</b>	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Clone No.</b>	17B12
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.