



## Mouse monoclonal antibody to CD8 [CA-8]: IgG

<b>Catalogue No.:</b>	M-1166-100
<b>Description:</b>	CD8 is a cell surface glycoprotein found on most cytotoxic T lymphocytes. The antigen is either a homodimer composed of two alpha chains or a disulphide-linked heterodimer composed of one alpha and one beta chain. At least 2 isoforms of the CD8 alpha chain and 6 isoforms of the beta chain are produced by alternative splicing.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Human thymocytes followed by peripheral blood T-cells
<b>Clone:</b>	CA-8
<b>Other Names:</b>	T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD8a; MAL; T-cell surface glycoprotein CD8 beta chain; CD8b; CD8B; CD8B1;
<b>Accession:</b>	P01732 CD8A_HUMAN; P10966 CD8B_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC-Frozen). A concentration of 1.0 ug/mL is recommended to detect CD8 in formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by immunohistochemistry against the antigen.
<b>Cross-reactivity:</b>	Human; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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