

Mouse monoclonal antibody to CD3 [CA-3]: IgG

Catalogue No.:	M-1164-100
Description:	The T-cell receptor-CD3 complex (CD3-TCR) plays an important role in mediating signaling transduction. The CD3-TCR complex consists of either a TCR alpha/beta or TCR gamma/delta heterodimer co-expressed at the cell surface with the CD3 subunits: CD3 gamma, CD3 delta, CD3 epsilon and CD3 zeta. These subunits are single-pass type I membrane proteins expressed on normal peripheral blood lymphocytes, thymocytes and Purkinje cells in the cerebellum.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Human thymocytes followed by Sezary T cells
Clone:	CA-3
Other Names:	T-cell surface glycoprotein CD3; CD3E; CD3G; CD3H; CD3Q; CD3Z; T cell receptor T3;
Accession:	P04234 CD3D_HUMAN; P07766 CD3E_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC-Frozen). A concentration of 1.0 ug/mL is recommended to detect CD3 in formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by immunohistochemistry against the antigen.
Cross-reactivity:	Human; rat;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase

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