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Mouse Anti-Human CD3 Monoclonal Antibody Datasheet

Product Name: mAb anti-Human CD3	Clone No.: JXT3
Catalogue No.: MO-L40001A	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human cluster of differentiation 3 (CD3) antigen	functioning as a co-receptor in the T-cell receptor complex (which is comprised of T cell receptor, ζ-chain and CD3).
Purification: Protein G affinity purified	Applications: Immuno-fluorescence Staining
Product Type: Primary antibody	References:
Target Protein: Human peripheral T cell CD3 antigen	1. Kebing Wang et al., <u>Dendritic cells transduced with a PSMA-encoding adenovirus and cocultured with autologous cytokine-induced lymphocytes induce a specific and strong immune response against prostate cancer cells.</u> Urologic Oncology: Seminars and Original Investigations 27 (2009) 26–32.
Immunogen: Human peripheral T lymphocytes	2. Jun Pang et al., <u>Enhanced antitumor effects by the coculture of allotumor RNA-pulsed dendritic cells with autologous cytokine-induced killer cells on hormone-refractory prostate cancer.</u> Cancer Investigation, 25:527–534, 2007.
Fusion Myeloma: Sp2/0-Ag14	3. Jian Wang et al., <u>Inducible Costimulator (ICOS) Enhances the Cytolytic Activity of Cytokine-Induced Killer Cells Against Gallbladder Cancer In Vitro and In Vivo.</u> Cancer Investigation, 27:244–250, 2009.
Specificity: This antibody recognizes human peripheral blood T cell CD3 antigen.	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Species Reactivity: Human, others not tested	
Host / Isotype: Mouse, IgG2a Kappa	
Formulation: Lyophilized from a solution in 0.01M PBS pH7.2	
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.	
Storage: Store at -20°C	
Research Area: Immunology and Oncology	
Background: CD3 is a surface marker expressed on the cell membrane of all matured T-cells and is virtually not found on the surface of other cells. Therefore, CD3 is used as a T-cell specific marker. In addition, CD3 is involved with T-cell activation by	

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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