

Product datasheet for **AM09232PU-N**

Cd4 Rat Monoclonal Antibody [Clone ID: JXYT4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	JXYT4
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Mouse T-lymphocytes.
Specificity:	React with Murine T-cell surface antigen CD4 marker that is expressed by the helper/inducer subset of Mouse T cells. No cross reaction with Human T-cells
Formulation:	0.01M PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore with Double distilled water to adjust the final concentration to 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD4 antigen
Database Link:	Entrez Gene 12504 Mouse P06332



[View online »](#)

Background: CD4 is a single chain transmembraneous glycoprotein (59 kDa) which belongs to the immunoglobulin superfamily. CD4 is present on a subset of T lymphocytes ("helper/inducer" T cells) and is also expressed at a lower level on monocytes, tissue macrophages and granulocytes. The antigen is involved in binding to MHC class II molecules. The intracellular domain of the antigen is associated with p56lck protein tyrosine kinase.

Synonyms: T-cell surface antigen T4/Leu-3