

Product datasheet for **AM08106PU-N**

Porcine CD4a Mouse Monoclonal Antibody [Clone ID: 74-12-4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	74-12-4
Applications:	CT, FC, IHC, IP
Recommended Dilution:	Flow Cytometry – Quality tested 1,6,7,15,17-31 Immunohistochemistry-Frozen Sections – Reported in literature ²⁻⁸ Immunohistochemistry-Paraffin Sections – Reported in literature ⁹⁻¹⁰ Immunocytochemistry – Reported in literature ³² Immunoprecipitation – Reported in literature ¹ Separation – Reported in literature ¹¹⁻¹⁴ Blocking – Reported in literature ^{15,16} Complement Mediated Cell Depletion – Reported in literature ¹
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Fresh <i>dd</i> miniature swine thymocytes.
Specificity:	This antibody recognizes Porcine CD4a (Mr. 55 kDa).
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

- Background:** Porcine CD4 is a type I transmembrane glycoprotein and a member of the immunoglobulin superfamily of cell surface receptors. It has a pattern of expression similar to human CD4 and is not expressed on porcine CD8+ T cells. CD4 is an accessory molecule in the recognition of foreign antigens in association with MHC Class II molecules by T lymphocytes. (Ref.1-4)
- Synonyms:** CD4, T-cell surface antigen T4/Leu-3, T-cell surface glycoprotein CD4, Pig CD4a