

Product datasheet for **AM08106RP-N**

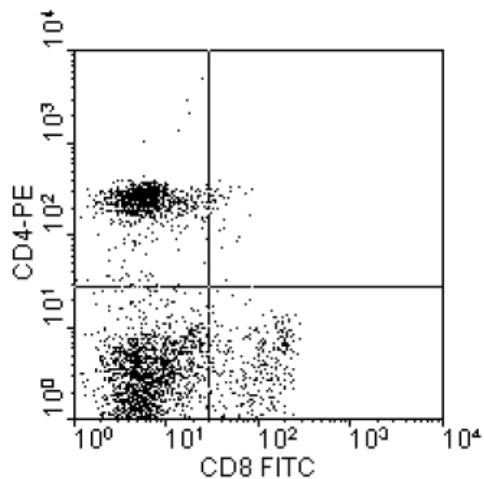
Porcine CD4a Mouse Monoclonal Antibody [Clone ID: 74-12-4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	74-12-4
Applications:	FC
Recommended Dilution:	Flow Cytometry: < / = 0.2 µg/10e6 cells. (Ref.1-4)
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody recognizes Porcine CD4a (Mr. 55 kDa).
Formulation:	PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. Label: PE State: Liquid purified Ig fraction. Label: R-Phycoerythrin
Concentration:	lot specific
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
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



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Product images:

Immunofluorescent Staining: Peripheral blood mononuclear cells were isolated from heparinized pig blood on Ficoll-Hypaque density gradients and double-stained with Mouse anti-Pig CD4a-PE and Mouse anti-Pig CD8a-FITC. Lymphocytes were gated and analyzed on a