

Product datasheet for **AM05859PU-N**

CD11R1 Mouse Monoclonal Antibody [Clone ID: MIL4]

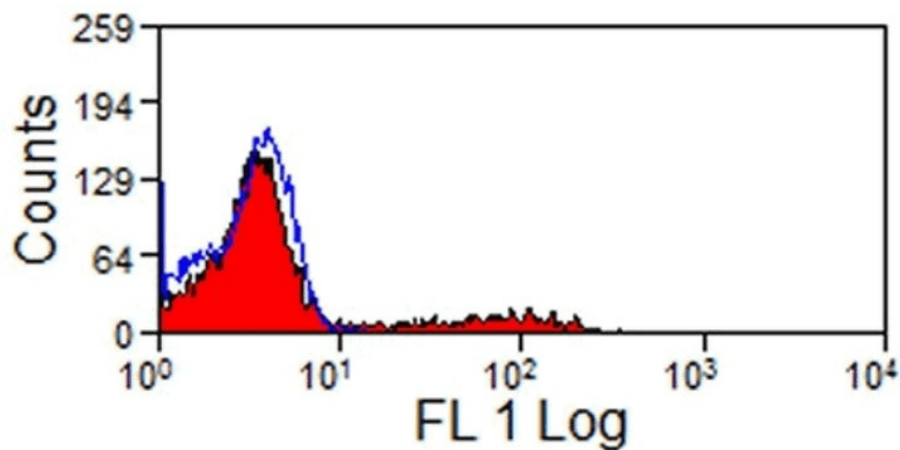
Product data:

Product Type:	Primary Antibodies
Clone Name:	MIL4
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/25-1/200 diluted antibody to label 1x10 ⁶ cells in 100 µl. Immunoprecipitation. Immunohistochemistry on Frozen Sections.
Reactivity:	Guinea Pig, Human, Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Porcine Lamina Propria Leucocytes
Specificity:	<p>This antibody recognizes the cell surface antigen classified as CD11R1 and stains Porcine eosinophils, a subset of neutrophils and NK cells. The CD11R1 antigen is a 165kD molecule, identical in size to Human CD11b. However, the expression pattern of CD11b in the Human and CD11R1 in the pig are different.</p> <p>Clone MIL4 stains porcine eosinophils, a subset of neutrophils and NK cells, it does not stain monocytes or macrophages (<i>Haverson et al.</i> 1994).</p> <p>Mouse anti Pig CD11R1, clone MIL4 immunoprecipitates a band corresponding to integrin β2 (CD18) of 95kDa, in common with all other anti CD11 antibodies tested at the workshop and also a band of 165kDa corresponding to CD11R1, in a manner identical to the cross reactive anti human CD11b clone, TMG6-5 from peripheral blood mononuclear cell lysates suggesting that porcine CD11R1 is analogous to human CD11b (<i>Dominguez et al.</i> 2001).</p> <p>Mouse anti pig CD11R1, clone MIL4 is cross reactive with the guinea pig and is useful for the identification of a population of guinea pig natural killer cells, Kurloff cells (<i>Takizawa et al.</i> 2004) (<i>Eremin et al.</i> 1980).</p>
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Purification:	Affinity Chromatography on Protein G



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Conjugation:	Unconjugated
Storage:	Store 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.

Product images:

Pig peripheral blood lymphocytes stained with Mouse anti Pig CD11R1 (Cat.-No AM05859PU-N) followed by Goat anti Mouse IgG:FITC (Cat.-No [AP05383FC-N])