

## Monoclonal Antibody to CD11R1

<b>Catalog No.:</b>	AM05859SU-N
<b>Quantity:</b>	2 ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	MIL4
<b>Immunogen:</b>	Porcine Lamina Propria Leucocytes
<b>Format:</b>	<b>State:</b> Liquid Tissue Culture Supernatant <b>Buffer System:</b> 0.2M Tris/HCl pH7.4 and 5-10% foetal calf serum and 0.09% Sodium Azide
<b>Applications:</b>	Immunohistochemistry on frozen sections: 1/10. Immunoprecipitation. Flow Cytometry: 1/10. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises 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. <b>Species:</b> Human, Pig. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Caution:</b>	(A full Health and Safety assessment is available upon request) This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
<b>General Readings:</b>	1. Haverson K, Bailey M, Higgins VR, Bland PW, Stokes CR. Characterization of monoclonal antibodies specific for monocytes, macrophages and granulocytes from porcine peripheral blood and mucosal tissues. J Immunol Methods. 1994 Apr 15;170(2):233-45. PubMed PMID: 8158001. 2. Domínguez J, Alvarez B, Alonso F, Thacker E, Haverson K, McCullough K, et al. Workshop studies on monoclonal antibodies in the myeloid panel with CD11 specificity. Vet Immunol Immunopathol. 2001 Jul 20;80(1-2):111-9. PubMed PMID: 11445222.