

Datasheet for ABIN5541632 **anti-CD11R1 antibody**



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Overview

Quantity:	0.1 mg
Target:	CD11R1
Reactivity:	Pig, Guinea Pig, Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Porcine Lamina Propria Leucocytes
Clone:	MIL4
Isotype:	IgG1
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. Clone MIL4 stains porcine eosinophils, a subset of neutrophils and NK cells, it does not stain monocytes or macrophages (Haverson et al. 1994). Mouse anti Pig CD11R1, clone MIL4 immunoprecipitates a band corresponding to integrin $\beta 2$ (CD18) of 95 kDa, in common with all other anti CD11 antibodies tested at the workshop and also a band of 165 kDa 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 (Dominguez et al. 2001). Mouse anti pig CD11R1, clone</p>

Product Details

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 (Takizawa et al. 2004) (Eremin et al. 1980). Species: Human, Pig, Guinea Pig.

Purification: Affinity Chromatography on Protein G

Target Details

Target: CD11R1

Alternative Name: cd11r1

Application Details

Application Notes: Flow Cytometry: Use 10 µL of 1/25-1/200 diluted antibody to label 1x10⁶ cells in 100 µL.
Immunoprecipitation. Immunohistochemistry on Frozen Sections.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS Preservatives: 0.09 % Sodium Azide Purity: Tissue Culture Supernatant containing 0.2M Tris/HCl pH 7.4 and 5-10 % foetal calf serum

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store 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.

Expiry Date: 12 months