

ARG22751 anti-Macrophage antibody [BA4D5]

Package: 100 µg
Store at: -20°C

Summary

Product Description	<p>Mouse Monoclonal antibody [BA4D5] recognizes Macrophage</p> <p>This antibody recognizes Porcine cells of the monocyte/macrophage lineage. Expression of the antigen is increased with maturation, with higher expression on peritoneal and alveolar macrophages. Some expression has also been observed on peripheral blood lymphocytes.</p> <p>The antigen recognized by clone BA4D5 has a broad tissue distribution and this antibody stains macrophages in a range of tissues, including the thymus, spleen periarteriolar lymphoid sheath (PALS), spleen red pulp and the Peyer's patches. Expression has also been reported on some non-hematopoietic cells including endothelial cells.</p> <p>It is believed that clone BA4D5 may be specific for Porcine CD68, although the protein recognized by this antibody has not yet been fully characterized. The protein is expressed on the cell surface, although it is most abundantly expressed in the cytoplasm.</p>
Tested Reactivity	Pig
Tested Application	FACS, IHC-Fr, IP, WB
Host	Mouse
Clonality	Monoclonal
Clone	BA4D5
Isotype	IgG2b
Target Name	Macrophage
Species	Pig
Immunogen	Porcine alveolar macrophages.
Conjugation	Un-conjugated

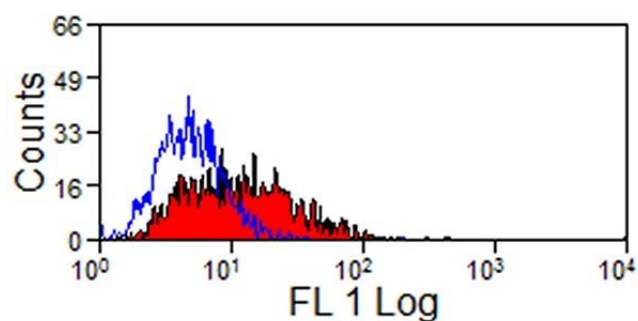
Application Instructions

Application table	Application	Dilution
	FACS	1:50 - 1:100
	IHC-Fr	Assay-dependent
	IP	Assay-dependent
	WB	Assay-dependent (under non-reducing conditions)
Application Note	<p>WB: The antibody recognizes a 105 kDa antigen in pig macrophage lysates under non-reducing conditions.</p> <p>FACS: Membrane permeabilization is required for this application. Use 10 µl of the suggested working dilution to label 10⁶ cells in 100 µl.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Images



ARG22751 anti-Macrophage antibody [BA4D5] FACS image

Flow Cytometry: Pig peripheral blood monocytes stained with ARG22751 anti-Macrophage antibody [BA4D5] followed by Goat anti-Mouse IgG (FITC).