

Product datasheet for **AM05890FC-N**

Macrophages Mouse Monoclonal Antibody [Clone ID: BA4D5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BA4D5
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 1x10 ⁶ cells in 100 µl. Membrane permeabilisation is required.
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Porcine alveolar macrophages. Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 mouse myeloma cell line.
Specificity:	<p>This antibody recognises Porcine cells of the monocyte/macrophage lineage. Expression of the antigen is increased with maturation, with higher expression on peritoneal and alveolar macrophages.</p> <p>Some expression has also been observed on peripheral blood lymphocytes.</p> <p>The antigen recognised by this antibody <i>Cat.-No</i> AM05890FC-N (clone BA4D5) has a broad tissue distribution. Clone BA4D5 stains macrophages in a range of tissues, including the thymus, spleen periarteriolar lymphoid sheath (PALS), spleen red pulp and the Peyer's patches.</p> <p>It is believed that clone BA4D5 may be specific for porcine CD68, although the protein recognised by this antibody has not yet been fully characterised. The protein is expressed on the cell surface, although it is most abundantly expressed in the cytoplasm.</p>
Formulation:	<p>PBS, pH 7.4</p> <p>Label: FITC</p> <p>State: Liquid purified IgG fraction</p> <p>Stabilizer: 1% BSA</p> <p>Preservative: 0.09% Sodium Azide</p> <p>Label: Fluorescein Isothiocyanate Isomer 1</p>
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G



[View online »](#)

Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	Macrophage marker