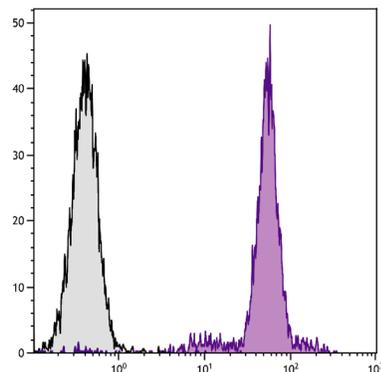


## Mouse Anti-Porcine Monocyte/Granulocyte

Cat. No.	Format	Size
4525-01	Purified (UNLB)	0.5 mg
4525-02	Fluorescein (FITC)	0.5 mg
4525-08	Biotin (BIOT)	0.5 mg
4525-09	R-phycoerythrin (PE)	0.1 mg
4525-30	Alexa Fluor® 488 (AF488)	0.1 mg



Porcine peripheral blood granulocytes were stained with Mouse Anti-Porcine Monocyte/Granulocyte-PE (SB Cat. No. 4525-09).

### Overview

<b>Clone</b>	74-22-15
<b>Isotype</b>	Mouse (BALB/c) IgG <sub>1κ</sub>
<b>Immunogen</b>	Fresh <i>dd</i> miniature swine thymocytes
<b>Specificity</b>	Porcine monocytes & granulocytes; Mr 230 kDa - macrophages
<b>Alternate Name(s)</b>	CD172a, SWC3a

### Description

The monoclonal antibody 74-22-15 reacts with > 90% of porcine monocytes and granulocytes and < 5% of peripheral blood lymphocytes.

### Applications

FC – Quality tested <sup>1,4,5,7,12-21</sup>  
 IHC-FS – Reported in literature <sup>2-7</sup>  
 IHC-PS – Reported in literature <sup>22</sup>  
 ICC – Reported in literature <sup>7,8</sup>  
 IP – Reported in literature <sup>1</sup>  
 ELISA – Reported in literature <sup>1</sup>  
 Sep – Reported in literature <sup>7,9-12,17</sup>

### Working Dilutions

<b>Flow Cytometry</b>	FITC, BIOT and AF488 conjugates	≤ 1 μg/10 <sup>6</sup> cells
	PE conjugate	≤ 0.2 μg/10 <sup>6</sup> cells

For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL.

**Other Applications** Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

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