

## Product Datasheet

### Mouse anti Human CD3 FITC - CD4 PE (orb198207)

<b>Description</b>	Mouse polyclonal antibody to CD3, CD4 (FITC, PE)
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	FITC/RPE
<b>Tested Applications</b>	FACS
<b>Immunogen</b>	CD3=Derived from the hybridization of mouse NS-1 myeloma cells with spleen cells from BALB/c mice immunized with human thymocytes. CD4=Derived from the hybridization of mouse NS-1 myeloma cells with spleen cells from BALB/c mice immunized with human peripheral blood T lymphocytes.
<b>Preservatives</b>	Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein
<b>Form/Appearance</b>	Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein
<b>Concentration</b>	Titered for flow cytometry
<b>Storage</b>	Product should be stored at 4-8°C. DO NOT FREEZE
<b>Note</b>	For research use only
<b>Application notes</b>	PBMC: Add 10 µl of MAB/10 <sup>6</sup> PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2° to 8°C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. WHOLE BLOOD: Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature 20°C. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.

**Uniprot ID** **P01730, P07766**

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**Hazard Information**

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals.

**Expiration Date**

12 months from date of receipt.

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