

## PE anti-pig CD8 Antibody

<b>Catalog# / Size</b>	251203 / 25 µg 251204 / 100 µg
<b>Clone</b>	76-2-11
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	CD8a, Leu2 T-lymphocyte antigen, LEU2, MAL, T8, CD8α
<b>Isotype</b>	Mouse IgG2a, κ
<b>Description</b>	CD8 is a 35 kD type I transmembrane glycoprotein and is expressed as either a CD8αα homodimer or a CD8αβ heterodimer. It functions as a MHC Class I co-receptor for antigen recognition. It is highly expressed in thymocytes, cytotoxic T-cells, and NK cells.

### Product Details

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<b>Verified Reactivity</b>	Pig
<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
<b>Preparation</b>	The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions.
<b>Concentration</b>	0.2 mg/mL
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Application</b>	<a href="#">FC - Quality tested</a>
<b>Recommended Usage</b>	Each lot of this antibody is quality control tested by <a href="#">immunofluorescent staining with flow cytometric analysis</a> . For flow cytometric staining, the suggested use of this reagent is ≤ 0.125 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.
<b>Excitation Laser</b>	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
<b>RRID</b>	AB_2924500 (BioLegend Cat. No. 251203) AB_2924500 (BioLegend Cat. No. 251204)

### Antigen Details

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<b>Structure</b>	Type I transmembrane glycoprotein, expressed as CD8αα homodimer or a CD8αβ heterodimer
<b>Distribution</b>	Thymocytes, suppressor/cytotoxic subpopulation of peripheral T cells
<b>Function</b>	Co-receptor, stabilizes MHC Class I-TCR interaction
<b>Ligand/Receptor</b>	T-cell receptors, MHC-I
<b>Cell Type</b>	NK cells, T cells, Thymocytes
<b>Biology Area</b>	Immunology
<b>Molecular Family</b>	CD Molecules
<b>Antigen References</b>	

Gene ID [396627](#)

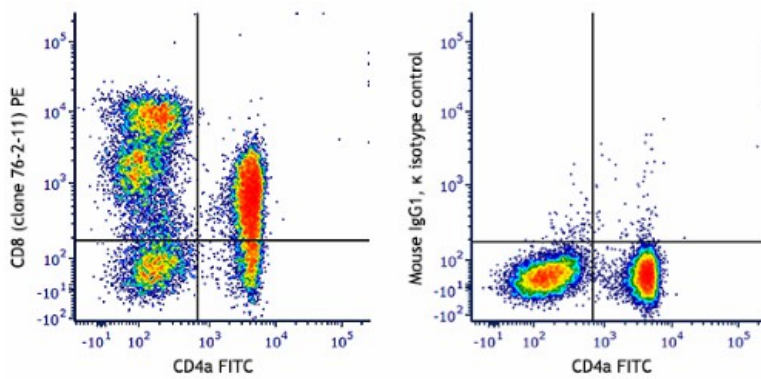
## Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

## Other Formats

Purified anti-pig CD8, PE anti-pig CD8

## Product Data



Porcine peripheral blood lymphocytes were stained with anti-pig CD4a FITC and anti-pig CD8 (clone 76-2-11) PE (left), or mouse IgG1, κ PE isotype control (right).

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