

## Anti-Porcine Interleukin-8 (IL-8) Polyclonal Antibody

<b>Catalog No:</b>	<b>CPI115</b>
<b>Size:</b>	500 µg
<b>Concentration:</b>	0.5 mg/0.5 mL
<b>Formulation:</b>	Rabbit polyclonal antibodies in phosphate buffered saline, pH 7.2. Preservative free. 0.22 micron sterile filtered.
<b>Purification:</b>	Purified from rabbit serum by Protein G chromatography.
<b>Purity:</b>	>95% as determined by SDS-PAGE analysis.
<b>Immunogen:</b>	Recombinant porcine IL-8.
<b>Specificity:</b>	This antibody recognizes porcine IL-8. IL-8 has been characterized as a neutrophil-activating protein (NAP-1) with biological effects similar to known chemotactic substances such as the plasma-derived anaphylatoxin C5a, the cell derived chemotaxis leukotriene B <sup>4</sup> (LTB <sup>4</sup> ) and platelet activating factor (PAF).
<b>Neutralizing units:</b>	This antibody neutralizes swine IL-8 when tested in a swine neutrophil chemotaxis assay.
<b>Species reactivity:</b>	Porcine. Not reactive to human. Other species were not tested.
<b>Applications:</b>	This antibody is suitable for use in Western blot analysis.
<b>Recommended Dilution:</b>	Centrifuge vial briefly before opening to bring contents to bottom of vial. For Western blot applications, use a 1:1000 dilution of the antibody to detect the protein. The optimal antibody concentration should be determined for each specific application.
<b>Storage:</b>	Store at 2-8°C for up to one month. For long term storage, aliquot into small volumes and store at -20°C. Avoid repeated freeze-thaw cycles to avoid denaturing the antibody.
<b>Reference:</b>	1) Hu, Z., et al. (1997) Genomic mapping of chemokine and transforming growth factor genes in swine. Mamm. Genome 8(4):246-249.

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