

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

Catalog No:	CPI115
Size:	500 µg
Concentration:	0.5 mg/0.5 mL
Formulation:	Rabbit polyclonal antibodies in phosphate buffered saline, pH 7.2. Preservative free. 0.22 micron sterile filtered.
Purification:	Purified from rabbit serum by Protein G chromatography.
Purity:	>95% as determined by SDS-PAGE analysis.
Immunogen:	Recombinant porcine IL-8.
Specificity:	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 ⁴ (LTB ⁴) and platelet activating factor (PAF).
Neutralizing units:	This antibody neutralizes swine IL-8 when tested in a swine neutrophil chemotaxis assay.
Species reactivity:	Porcine. Not reactive to human. Other species were not tested.
Applications:	This antibody is suitable for use in Western blot analysis.
Recommended Dilution:	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.
Storage:	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.
Reference:	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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