



Rabbit Anti-Pig IL8 polyclonal antibody (DPABA-JX88P)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reactivity: Bovine IL-8 - Strong; Canine IL-8 - Moderate; Catfish IL-8 - None; Chicken IL-8 - None; Dolphin IL-8 - Strong; Equine IL-8 - Moderate; Feline IL-8 - Strong; Guinea Pig IL-8 - None; Human IL-8 - None; Ovine IL-8 - Strong; Rabbit IL-8 - None; Swine IL-8 - Strong; Turkey IL-8 - None
Target	Swine IL8
Immunogen	Recombinant Swine IL8
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Swine, Bovine, Canine, Dolphin, Equine, Feline, Ovine
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	ELISA, WB We recommend the following as antibody pair (Capture - Detection): DPABA-JX88P - DPABA-JX89P Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific
Size	100 µg

Buffer	PBS
Preservative	None
Storage	Store at -20°C or below. Avoid multiple freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Interleukin-8 (IL-8), also known as CXCL8, is a CXC family member chemokine produced by macrophages and other cell types such as epithelial cells. There have been 17 different CXC chemokines described in mammals, that are subdivided into two categories, those with a specific amino acid sequence (or motif) of glutamic acid-leucine-arginine (or ELR for short) immediately before the first cysteine of the CXC motif (ELR-positive), and those without an ELR motif (ELR-negative). ELR-positive CXC chemokines such as IL-8 specifically induce the migration of neutrophils, and interact with chemokine receptors CXCR1 and CXCR2.
Keywords	IL8; CXCL8; AMCF-I; interleukin-8; IL-8; C-X-C motif chemokine 8; chemokine (C-X-C motif) ligand 8; alveolar macrophage chemotactic factor I; alveolar macrophage-derived chemotactic factor-I;