antibodies

# Datasheet for ABIN7426613 anti-IL-8 antibody (AA 23-101)

3 Images



Overview

Quantity:	100 µL
Target:	IL-8 (IL8)
Binding Specificity:	AA 23-101
Reactivity:	Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Interleukin 8 (IL8)			
Immunogen:	Recombinant Interleukin 8 (IL8) corresdonding to Ala23~Pro101 (Accession # P41324)			
Clone:	C4			
Isotype:	lgG2b kappa			
Specificity:	The antibody is a mouse monoclonal antibody raised against IL8. It has been selected for ability to recognize IL8 in immunohistochemical staining and western blotting.			
Cross-Reactivity:	Human			
Purification:	Protein A + Protein G affinity chromatography			

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Target Details	
Target:	IL-8 (IL8)
Alternative Name:	Interleukin 8 (IL8 Products)
Background:	CXCL8, AMCF-I, GCP1, K60, LECT, LUCT, LYNAP, MDNCF, MONAP, NAF, NAP1, SCYB8, TSG1, B-ENAP, Neutrophil-Activating Protein 1, Granulocyte Chemotactic Protein 1
Pathways:	TLR Signaling, Cellular Response to Molecule of Bacterial Origin, Regulation of G-Protein Coupled Receptor Protein Signaling, ER-Nucleus Signaling, Hepatitis C, Autophagy

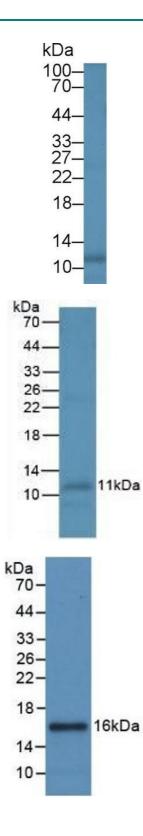
## Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL
	Immunohistochemistry: 5-50 µg/mL
	Immunocytochemistry: 5-50 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

# Handling

Format:	Liquid			
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.			
Preservative:	ProClin			
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.			
Storage:	4 °C,-20 °C			
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.			
Expiry Date:	24 months			

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### Western Blotting

**Image 1.** Detection of IL8 in Human Leukocyte lysate using Monoclonal Antibody to Interleukin 8 (IL8)

#### Western Blotting

**Image 2.** Detection of IL8 in Human Leukocyte Cells using Monoclonal Antibody to Interleukin 8 (IL8)

Western Blotting						
Image 3.	Detection	of	Recombinant	IL8,	Canine	using
Monoclonal Antibody to Interleukin 8 (IL8)						

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