

Datasheet for ABIN7425665
anti-IL-8 antibody (AA 28-99)



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2 Images

Overview

Quantity:	100 µL
Target:	IL-8 (IL8)
Binding Specificity:	AA 28-99
Reactivity:	Human
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) corresponding to Ser28~Ser99 with N-terminal His Tag
Clone:	D5
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL8. It has been selected for its ability to recognize IL8 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

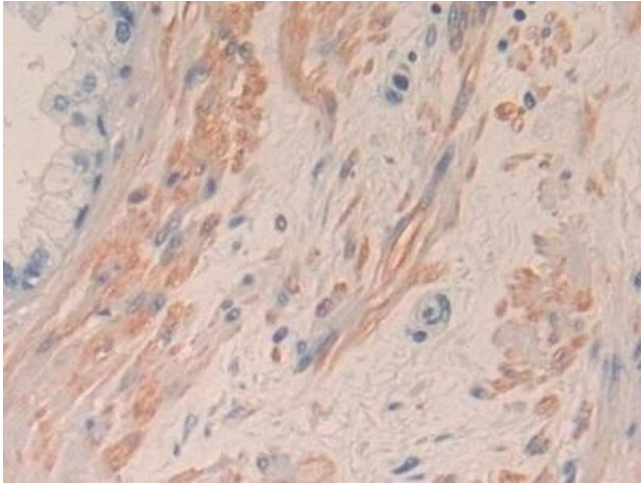
Target:	IL-8 (IL8)
Alternative Name:	Interleukin 8 (IL8 Products)
Background:	CXCL8, AMCF-I, GCP1, K60, LECT, LUCT, LYNAP, MDNCF, MONAP, NAF, NAP1, SCYB8, TSG1, B-ENAP, Neutrophil-Activating Protein 1, Granulocyte Chemotactic Protein 1
Pathways:	TLR Signaling , Cellular Response to Molecule of Bacterial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

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

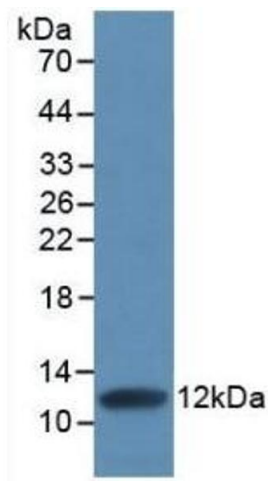
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



Immunohistochemistry

Image 1. Detection of IL8 in Human Prostate Tissue using Monoclonal Antibody to Interleukin 8 (IL8)



Western Blotting

Image 2. Detection of Recombinant IL8, Human using Monoclonal Antibody to Interleukin 8 (IL8)