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Datasheet for ABIN7156933
anti-IL-8 antibody (AA 23-99)

3 Images

Overview

Quantity:	100 µg
Target:	IL-8 (IL8)
Binding Specificity:	AA 23-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Interleukin-8 protein (23-99AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IL-8 (IL8)
Alternative Name:	CXCL8 (IL8 Products)
Background:	Background: IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types

Target Details

in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.

Aliases: (Ala-IL-8)77 antibody, (Ser-IL-8)72 antibody, 9E3 antibody, Beta thromboglobulin like protein antibody, C-X-C motif chemokine 8 antibody, CEF-4 antibody, chemokine, CXC motif, ligand 8 antibody, CXCL8 antibody, Emoctakin antibody, GCP-1 antibody, GCP/IL-8 protein I antibody, GCP/IL-8 protein II antibody, GCP/IL-8 protein III antibody, GCP/IL-8 protein IV antibody, GCP/IL-8 protein V antibody, GCP/IL-8 protein VI antibody, GCP1 antibody, Granulocyte chemotactic protein 1 antibody, IL-8 antibody, IL-8(1-77) antibody, IL-8(9-77) antibody, IL8 antibody, IL8/NAP1 form I antibody, IL8/NAP1 form II antibody, IL8/NAP1 form III antibody, IL8/NAP1 form IV antibody, IL8/NAP1 form V antibody, IL8/NAP1 form VI antibody, IL8_HUMAN antibody, Interleukin 8 antibody, LECT antibody, LUCT antibody, Lymphocyte-derived neutrophil-activating factor antibody, LYMAP antibody, MDNCF antibody, MDNCF-b antibody, MDNCF-c antibody, MONAP antibody, Monocyte derived neutrophil activating peptide antibody, Monocyte derived neutrophil chemotactic factor antibody, Monocyte-derived neutrophil chemotactic factor antibody, Monocyte-derived neutrophil-activating peptide antibody, NAF antibody, NAP 1 antibody, NAP-1 antibody, NAP1 antibody, Neutrophil activating peptide 1 antibody, Neutrophil activating protein 1 antibody, Neutrophil-activating factor antibody, Neutrophil-activating protein 1 antibody, Protein 3 10C antibody, Protein 3-10C antibody, SCYB 8 antibody, SCYB8 antibody, Small inducible cytokine subfamily B member 8 antibody, T cell chemotactic factor antibody, T-cell chemotactic factor antibody, TSG 1 antibody, TSG1 antibody

UniProt: [P10145](#)

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: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300

Handling

Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

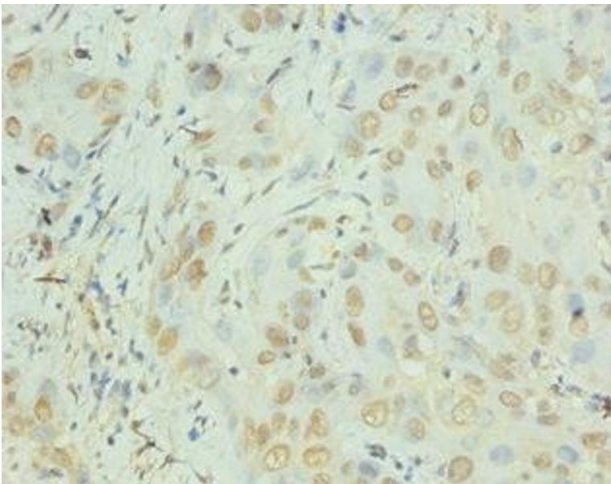
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



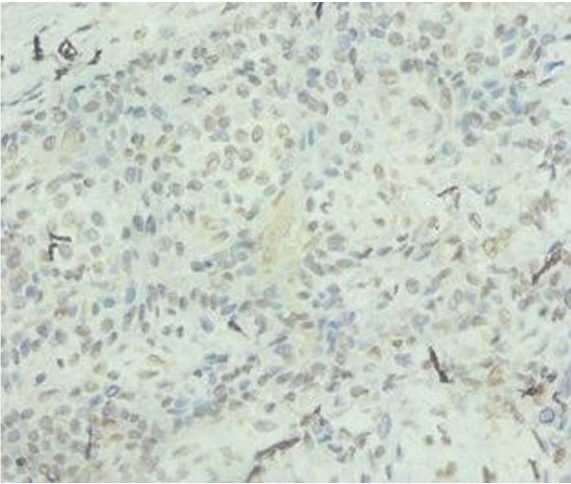
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7156933 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: CXCL8 antibody at 2 µg/mL + 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 12 kDa Observed band size: 12 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7156933 at dilution of 1:100