

IL-8 (CXCL8) Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human IL8 (77-95aa CLDPKENWVQRVVEKFLKR).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide, 0.05mg thimerosal
Storage conditions	-20°C
RRID	AB_2746229

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

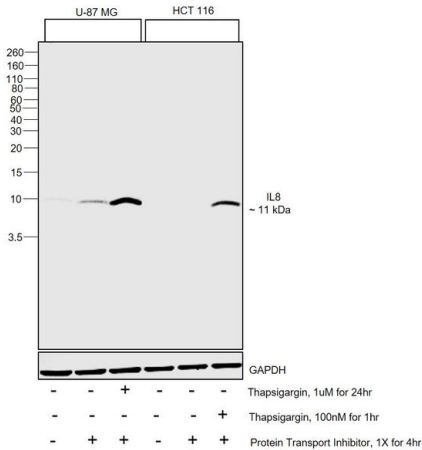
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For IL-8 (CXCL8) Polyclonal Antibody

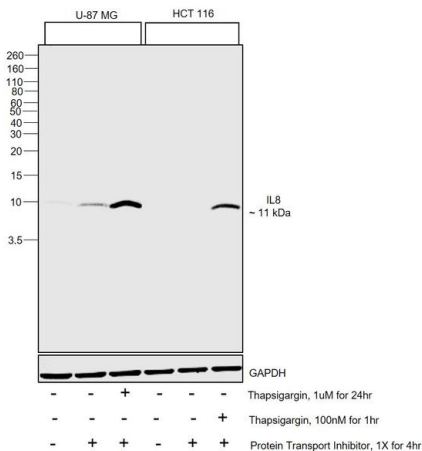
IL-8 (CXCL8) Antibody (PA5-79113) in WB

Western blot was performed using Anti-IL-8 (CXCL8) Polyclonal Antibody (Product # PA5-79113) and a 11kDa band corresponding to IL-8 (CXCL8) was observed across cell lines treated with Thapsigargin and PTI. Whole cell extracts (30 µg lysate) of U-87 MG (Lane 1), U-87 MG treated with PTI (1X for 4hr) (Lane 2), U-87 MG treated with Thapsigargin (1uM for 24hr) followed by PTI (1X for 4hr) (Lane 3), HCT 116 (Lane 4), HCT 116 treated with PTI (1X for 4hr) (Lane 5), HCT 116 treated with Thapsigargin (100nM for 1hr) followed by PTI (1X for 4hr) (Lane 6) were electrophoresed using Novex™ 16% Tricine Protein Gel (Product # EC6695BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.2 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1: 4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



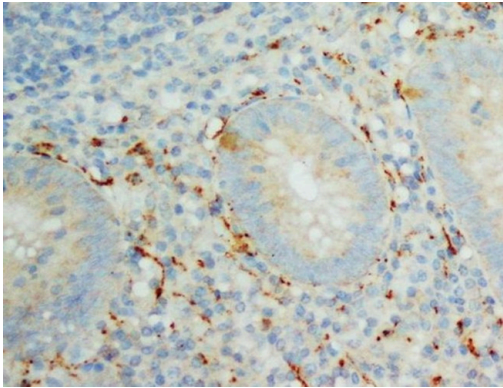
IL-8 (CXCL8) Antibody (PA5-79113)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using IL-8 (CXCL8) Polyclonal Antibody(Product #PA5-79113), shows increased expression of IL-8 in U-87 MG and HCT 116 cell lines up on Thapsigargin treatment. {TM}



IL-8 (CXCL8) Antibody (PA5-79113) in IHC (P)

Immunohistochemistry analysis of IL-8 (CXCL8) on paraffin-embedded human Appendicitis tissue. Sample was incubated with IL-8 (CXCL8) polyclonal antibody (Product# PA5-79113).



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Immunohistochemistry (1)

<p>BMC nephrology</p> <p>Renal expression of cytokines and chemokines in diabetic nephropathy.</p> <p>"PA5-79113 was used in Immunohistochemistry to analyze the expression of cytokines and chemokines in renal biopsies from patients with DN and to correlate it with interstitial inflammation and decreased renal function."</p> <p>Authors: Araújo LS,Torquato BGS,da Silva CA,Dos Reis Monteiro MLG,Dos Santos Martins ALM,da Silva MV,Dos Reis MA,Machado JR</p>	<p>Year 2020</p> <p>Species Human</p> <p>Dilution 1:1400</p>
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