

IL-8 (CXCL8) Polyclonal Antibody

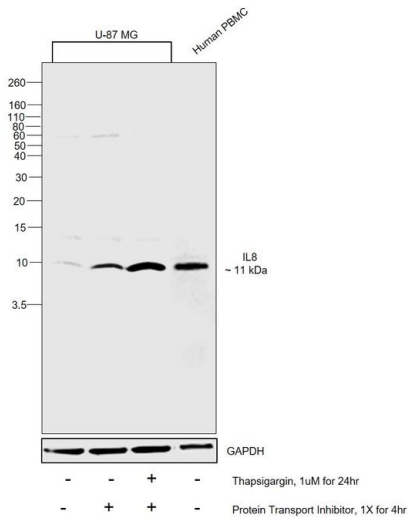
| Product Details | |
|--------------------|--|
| Size | 100 µg |
| Species Reactivity | Human |
| Published Species | Human |
| Host/Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | Highly purified (>98% pure) recombinant human endothelial IL-8 (77 amino acid residues). |
| Form | Lyophilized |
| Purification | purified |
| Storage buffer | PBS, pH 7.2 |
| Contains | no preservative |
| Storage conditions | -20°C |
| RRID | AB_2536263 |

| Applications | Tested Dilution | Publications |
|---|-----------------|----------------|
| Western Blot (WB) | 1:1,000 | - |
| Immunohistochemistry (IHC) | Assay-dependent | 9 Publications |
| Immunohistochemistry (Paraffin) (IHC (P)) | - | 5 Publications |
| Immunohistochemistry (Frozen) (IHC (F)) | - | 2 Publications |
| Immunocytochemistry (ICC/IF) | - | 1 Publication |
| ELISA (ELISA) | Assay-dependent | 1 Publication |
| Neutralization (Neu) | Assay-dependent | 1 Publication |
| In vitro Assay (IV) | - | 1 Publication |

Product Specific Information

Centrifuge vial prior to opening. Reconstitute in sterile water to 0.1-1.0 mg/mL.

Product Images For IL-8 (CXCL8) Polyclonal Antibody



IL-8 (CXCL8) Antibody (AHC0881) in WB

Western blot was performed using Anti-IL-8 (CXCL8) Polyclonal Antibody (Product # AHC0881) and a 11kDa band corresponding to IL-8 (CXCL8) was observed in Human PBMC and U-87 MG with Thapsigargin and PTI treatment. 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) and Human PBMC (Lane 4) 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 (1:1000 dilution) 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).

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Immunohistochemistry (9)

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|---|---|
| <p>Clinical and experimental gastroenterology</p> <p>Toll-Like Receptor 3 as a Recurrence Risk Factor and a Potential Molecular Therapeutic Target in Colorectal Cancer.</p> <p>"AHC0881 was used in Immunohistochemistry to determine that TLR3 expression can be used as a risk factor for the recurrence of colorectal cancer, as well as a potential target for new therapeutic strategies."</p> <p>Authors: Yoshida T,Miura T,Matsumiya T,Yoshida H,Morohashi H,Sakamoto Y,Kurose A,Imaizumi T,Hakamada K</p> | <p>Year 2022</p> <p>Species Human</p> <p>Dilution 1:100</p> |
| <p>Journal of clinical medicine</p> <p>Prognostic and Pathophysiologic Significance of IL-8 (CXCL8) in Biliary Atresia.</p> <p>"AHC0881 was used in Immunohistochemistry to study liver and serum IL-8 expression in a large biliary atresia (BA) cohort and explore its prognostic and pathophysiological potential."</p> <p>Authors: Godbole N,Nyholm I,Hukkinen M,Davidson JR,Tyraskis A,Eloranta K,Andersson N,Lohi J,Heikkilä P,Kyrönlähti A,Pihlajoki M,Davenport M,Heikinheimo M,Pakarinen MP</p> | <p>Year 2021</p> <p>Species Human</p> |

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Immunohistochemistry (Paraffin) (5)

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|---|---|
| <p>BioMed research international</p> <p>Immunohistochemical analysis of IL-6, IL-8/CXCR2 axis, Tyr p-STAT-3, and SOCS-3 in lymph nodes from patients with chronic lymphocytic leukemia: correlation between microvascular characteristics and prognostic significance.</p> <p>"AHC0881 was used in immunohistochemistry - paraffin section to study the correlation of microvascular characteristics and prognostic differences with immunohistochemical analysis of IL-6, IL-8/CXCR2 axis, Tyr p-STAT-3, and SOCS-3 in chronic lymphocytic le"</p> <p>Authors: Levidou G,Sachanas S,Pangalis GA,Kalpadakis C,Yiakoumis X,Moschogiannis M,Sepa A,Lakiotaki E,Milionis V,Kyrtsonis MC,Vassilakopoulos TP,Tsirkinidis P,Kontopidou F,Kokoris S,Siakantaris M,Angelopoulou M,Papadaki H,Kavantzias N,Panayiotidis P,Patsouris E,Korkolopoulou P</p> | <p>Year 2015</p> |
| <p>Diagnostic pathology</p> <p>Validation and clinicopathologic associations of a urine-based bladder cancer biomarker signature.</p> <p>"AHC0881 was used in immunohistochemistry - paraffin section to validate the expression of a urine-based bladder cancer associated diagnostic signature"</p> <p>Authors: Zhang G,Gomes-Giacoaia E,Dai Y,Lawton A,Miyake M,Furuya H,Goodison S,Rosser CJ</p> | <p>Year 2014</p> <p>Species Human</p> <p>Dilution 1:200</p> |

[View more IHC \(P\) references on thermofisher.cn](#)

More applications with references on thermofisher.cn

- IHC (F) (2)
- ICC/IF (1)
- ELISA (1)
- Neu (1)
- IV (1)

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