

# CXCL5 Recombinant Polyclonal Antibody (9HCLC)

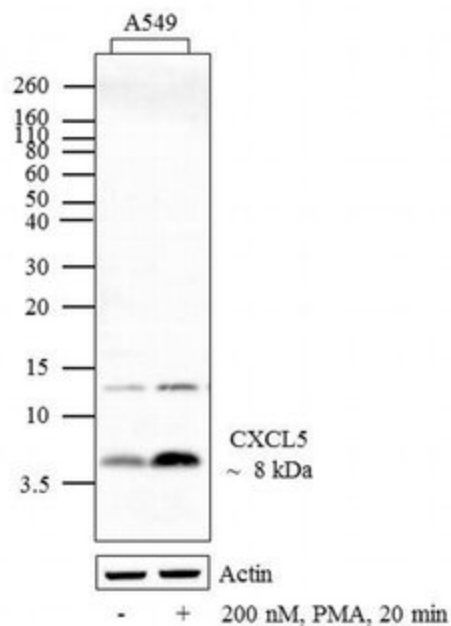
Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Recombinant Polyclonal
Type	Antibody
Clone	9HCLC
Conjugate	Unconjugated
Immunogen	proprietary
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.09% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2532523

Applications	Tested Dilution	Publications
Western Blot (WB)	2-5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50	-
Immunoprecipitation (IP)	5 µg	-

## Product Specific Information

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

## Advanced Verification Data



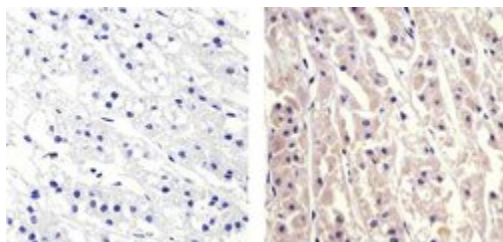
### CXCL5 Antibody (710010)

Modulation of expression of target protein by cell treatment to demonstrate antibody specificity. Western blot analysis of CXCL5 using CXCL5 Recombinant Rabbit Polyclonal Antibody (Product # 710010) shows increased expression of CXCL5 in A549 cells treated with PMA, as compared to untreated cells. Cell treatment validation info.

## Product Images For CXCL5 Recombinant Polyclonal Antibody (9HCLC)

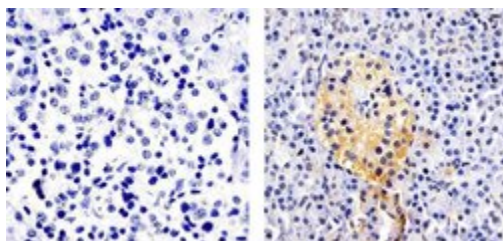
### CXCL5 Antibody (710010) in IHC (P)

Immunohistochemistry analysis of CXCL5 showing staining in the cytoplasm of paraffin-embedded human Adrenal gland tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H<sub>2</sub>O<sub>2</sub>-methanol for 15 min at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with a CXCL5 Recombinant Rabbit Polyclonal Antibody (Product # 710010) diluted in 3% BSA-PBS at a dilution of 1:50 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



### CXCL5 Antibody (710010) in IHC (P)

Immunohistochemistry analysis of CXCL5 showing staining in the cytoplasm of paraffin-embedded human pancreas tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H<sub>2</sub>O<sub>2</sub>-methanol for 15 min at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with a CXCL5 Recombinant Rabbit Polyclonal Antibody (Product # 710010) diluted in 3% BSA-PBS at a dilution of 1:100 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



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