

IL-5 Polyclonal Antibody, PeproTech®

Product Details

Size	1 mg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived Recombinant Human IL-5
Form	Lyophilized
Concentration	0.1-1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.2 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication
ELISA (ELISA)	0.5-2.0 µg/mL	-
Neutralization (Neu)	-	1 Publication
In vitro Assay (IV)	-	1 Publication

Product Specific Information

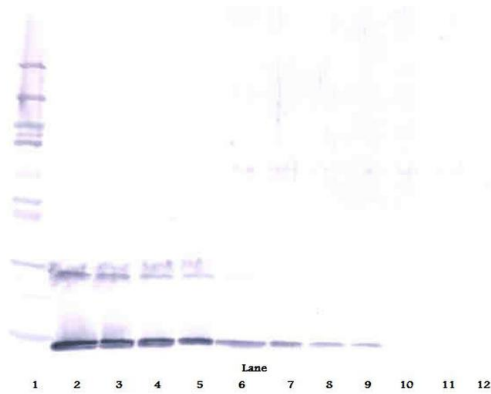
AA Sequence of recombinant protein: MIPTEIPTSA LVKETLALLS THRTLLIANE TLRIPVPVHK NHQLCTEEIF QGIGTLESQT VQGGTVERLF KNLSLIK KYI DGQKKKCGEE RRRVNQFLDY LQEFLGVMNT EWIIES.

Preparation: Produced from sera of rabbits immunized with highly pure Recombinant Human IL-5. Anti-Human IL-5-specific antibody was purified by affinity chromatography employing an immobilized Human IL-5 matrix.

Sandwich ELISA: To detect Human IL-5 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2.0 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with PeproTech Biotinylated Anti-Human IL-5 (500-P25Bt) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of Recombinant Human IL-5.

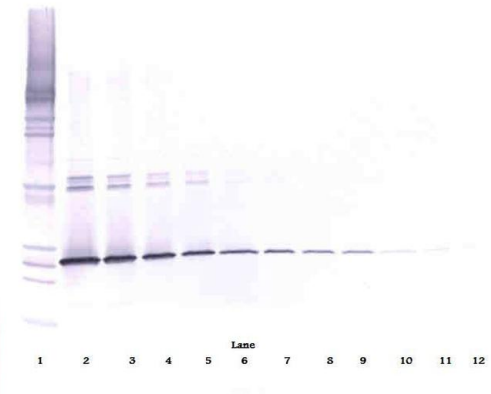
Western Blot: To detect Human IL-5 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. When used in conjunction with compatible secondary reagents, the detection limit for Recombinant Human IL-5 is 1.5-3.0 ng /lane, under either reducing or non-reducing conditions.

Product Images For IL-5 Polyclonal Antibody, PeproTech®



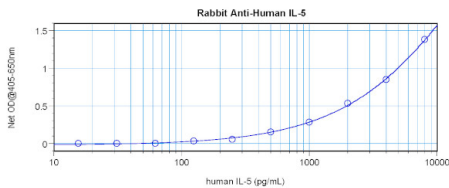
IL-5 Antibody (500-P25-1MG) in WB

Western Blot: To detect Human IL-5 by Western Blot analysis IL-5 Polyclonal Antibody (Product # 500-P25-1MG) can be used at a concentration of 0.1-0.2 µg /mL. When used in conjunction with compatible secondary reagents, the detection limit for Recombinant Human IL-5 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.



IL-5 Antibody (500-P25-1MG) in WB

Western Blot: To detect Human IL-5 by Western Blot analysis IL-5 Polyclonal Antibody (Product # 500-P25-1MG) can be used at a concentration of 0.1-0.2 µg /mL. When used in conjunction with compatible secondary reagents, the detection limit for Recombinant Human IL-5 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.



IL-5 Antibody (500-P25-1MG) in ELISA

Sandwich ELISA: To detect Human IL-5 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2.0 µg/mL of IL-5 Polyclonal Antibody (Product # 500-P25-1MG) is required. This antigen affinity purified antibody, in conjunction with PeproTech IL-5 Polyclonal Antibody, Biotin (Product # 500-P25BT-1MG) as a detection antibody, allows the detection of at least 0.2-0.4 ng /well of Recombinant Human IL-5.

Immunohistochemistry (1)

<p>The European respiratory journal</p> <p>Interleukin-13 and -4 expression in the central airways of smokers with chronic bronchitis.</p> <p>"500-P25 was used in Immunohistochemistry to study whether the T-helper 2-type cytokines interleukin (IL)-13 and -4 are involved in mucus hypersecretion, the hallmark of chronic bronchitis (CB) to show that -helper-2 and -1 protein expression is present in the central airways of smokers and interleukin-4 and -13 could contribute to mucus hypersecretion in chronic bronchitis."</p> <p>Authors: Miotto D,Ruggieri MP,Boschetto P,Cavallesco G,Papi A,Bononi I,Piola C,Murer B,Fabbri LM,Mapp CE</p>	<p>Year 2003</p> <p>Species Human</p>
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Neutralization (1)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Generation and growth of CD28nullCD8+ memory T cells mediated by IL-15 and its induced cytokines.</p> <p>Authors: Chiu WK,Fann M,Weng NP</p>	<p>Year 2006</p> <p>Species Human</p>
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In vitro Assay (1)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Generation and growth of CD28nullCD8+ memory T cells mediated by IL-15 and its induced cytokines.</p> <p>Authors: Chiu WK,Fann M,Weng NP</p>	<p>Year 2006</p> <p>Species Human</p>
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