

IL-15 Polyclonal Antibody, Biotin, PeproTech®

Product Details

Size	2 x 500 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rabbit
Class	Polyclonal
Type	Antibody
Conjugate	Biotin
Immunogen	E.coli-derived Recombinant Murine IL-15
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	-
Flow Cytometry (Flow)	-	6 Publications
ELISA (ELISA)	0.25-1.0 µg/mL	1 Publication
In vitro Assay (IV)	-	2 Publications

Product Specific Information

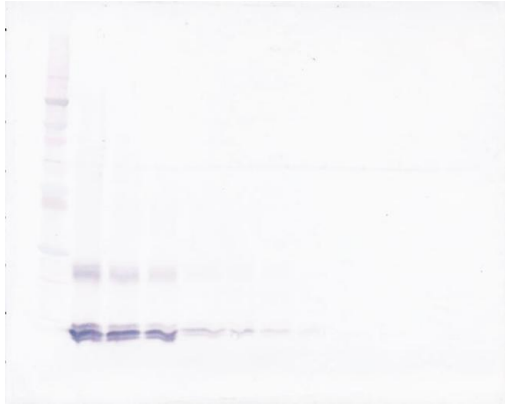
AA Sequence of recombinant protein: MNWIDVRYDL EKIESLIQSI HIDTTLYTDS DFHPSCKVTA MNCFLLELQV ILHEYSNMTL NETVRNVLYL ANSTLSSNKN VAESGCKECE ELEEKTFTEF LQSFIRIVQM FINTS.

Preparation: Produced from sera of rabbits immunized with highly pure Recombinant Murine IL-15. Anti-Murine IL-15-specific antibody was purified by affinity chromatography and then biotinylated.

Sandwich ELISA: To detect mIL-15 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1.0 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with PeproTech Polyclonal Anti-Murine IL-15 (500-P173) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of Recombinant mIL-15.

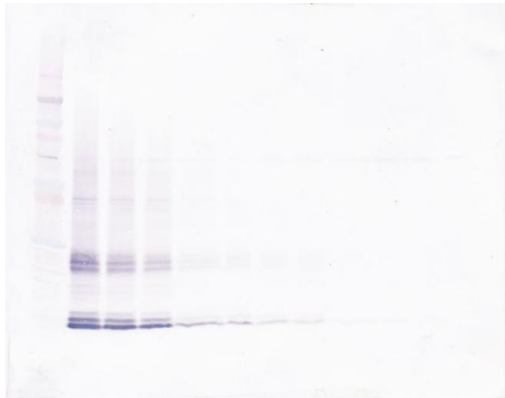
Western Blot: To detect mIL-15 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for Recombinant mIL-15 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

500-P173BT-1MG will be provided as 2 x 500 µg



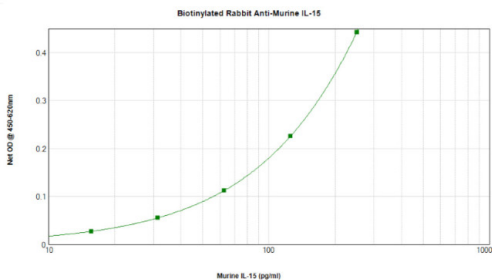
IL-15 Antibody (500-P173BT-1MG) in WB

Western Blot: To detect mIL-15 by Western Blot analysis IL-15 Polyclonal Antibody, Biotin (Product # 500-P173BT-1MG) can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for Recombinant mIL-15 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.



IL-15 Antibody (500-P173BT-1MG) in WB

Western Blot: To detect mIL-15 by Western Blot analysis IL-15 Polyclonal Antibody, Biotin (Product # 500-P173BT-1MG) can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for Recombinant mIL-15 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.



IL-15 Antibody (500-P173BT-1MG) in ELISA

Sandwich ELISA: To detect mIL-15 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1.0 µg/mL of IL-15 Polyclonal Antibody, Biotin (Product # 500-P173BT-1MG) is required. This biotinylated polyclonal antibody, in conjunction with PeproTech IL-15 Polyclonal Antibody (Product # 500-P173-1MG) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of Recombinant mIL-15.

Flow Cytometry (6)

<p>Scientific reports</p> <p>High dose CD11c-driven IL15 is sufficient to drive NK cell maturation and anti-tumor activity in a trans-presentation independent manner.</p> <p>Authors: Polansky JK,Bahri R,Divivier M,Duitman EH,Vock C,Goyeneche-Patino DA,Orinska Z,Bulfone-Paus S</p>	<p>Year 2016</p> <p>Species Mouse</p>
<p>Skeletal muscle</p> <p>Skeletal muscle interleukin 15 promotes CD8(+) T-cell function and autoimmune myositis.</p> <p>"500-P173Bt was used in Flow cytometry/Cell sorting to highlight a new level of complexity in TRAIL signalling and point to an improved therapeutic rationale in view of hitherto disappointing results."</p> <p>Authors: Huang PL,Hou MS,Wang SW,Chang CL,Liou YH,Liao NS</p>	<p>Year 2015</p> <p>Species Mouse</p>

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ELISA (1)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Inflammatory Signals Regulate IL-15 in Response to Lymphodepletion.</p> <p>Authors: Anthony SM,Rivas SC,Colpitts SL,Howard ME,Stonier SW,Schluns KS</p>	<p>Year 2016</p> <p>Species Mouse</p>
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In vitro Assay (2)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Influenza infection leads to increased susceptibility to subsequent bacterial superinfection by impairing NK cell responses in the lung.</p> <p>Authors: Small CL,Shaler CR,McCormick S,Jeyanathan M,Damjanovic D,Brown EG,Arck P,Jordana M,Kaushic C,Ashkar AA,Xing Z</p>	<p>Year 2010</p> <p>Species Mouse</p>
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