



## IL-21 Antibody

CATALOG NUMBER: 38-245

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	<p><b>ELISA:</b></p> <p><b>Indirect:</b></p> <p>To detect hIL-21 by indirect ELISA (using 100 uL/well antibody solution) a concentration of 0.5 - 2.0 ug/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-21.</p> <p><b>Sandwich:</b></p> <p>To detect hIL-21 by sandwich ELISA (using 100 uL/well antibody solution) a concentration of 0.5 - 2.0 ug/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with ProSci's Biotinylated Anti-Human IL-21 (38-134) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-21.</p> <p><b>Western Blot:</b></p> <p>To detect hIL-21 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-21 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p>
<b>USER NOTE:</b>	Centrifuge vial prior to opening.
<b>IMMUNOGEN:</b>	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIGF-BP7. Human IGF-BP7 specific antibody was purified by affinity chromatography employing immobilized hIGF-BP7 matrix.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PHYSICAL STATE:</b>	Lyophilized
<b>STORAGE CONDITIONS:</b>	The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-80°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	Za11, IL-21Interleukin-21, Za11, IL-21
<b>ACCESSION NO.:</b>	Q9HBE4
<b>PROTEIN GI NO.:</b>	55976599
<b>OFFICIAL SYMBOL:</b>	IL21
<b>GENE ID:</b>	59067

FOR RESEARCH USE ONLY

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