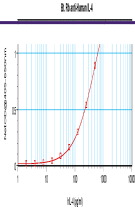


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## Product Datasheet

### IL4 Antibody (Biotin) (orb1272453)

Description	IL4 Antibody (Biotin)	
<b>Species/Host</b>	Rabbit	
<b>Reactivity</b>	Human	
<b>Conjugation</b>	Biotin	
<b>Tested Applications</b>	ELISA, WB	
<b>Immunogen</b>	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIL-4 (human IL-4).	To detect hIL-4 by sandwich ELISA (using...)
<b>Target</b>	IL4	
<b>Form/Appearance</b>	Lyophilized	
<b>Concentration</b>	batch dependent	
<b>Storage</b>	IL-4 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 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.	
<b>Note</b>	For research use only	
<b>Application notes</b>	<p>ELISA: Sandwich: To detect hIL-4 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 our Polyclonal Anti-Human IL-4 (XP-5188) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-4.</p> <p>Western Blot: To detect hIL-4 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 hIL-4 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p>	
<b>Clonality</b>	Polyclonal	
<b>Uniprot ID</b>	<a href="#">P05112</a>	
<b>NCBI</b>	<a href="#">P05112</a>	
<b>Dilution Range</b>	<p>ELISA: Sandwich: To detect hIL-4 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 our Polyclonal Anti-Human IL-4 (XP-5188) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-4.</p> <p>Western Blot: To detect hIL-4 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/mL. Used in conjunction</p>	