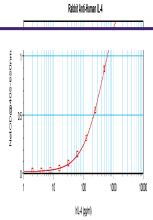
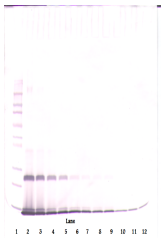
Product Datasheet

IL4 Antibody (orb1272454)

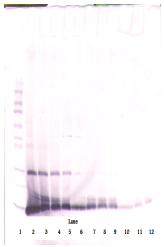
Description	IL4 Antibody
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, NeA, WB
Immunogen	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIL-4 (human Interleukin-4).
Target	IL4
Form/Appearance	Lyophilized
Concentration	batch dependent
Storage	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.
Note	For research use only
Clonality	Polyclonal
Uniprot ID	P05112
NCBI	P05112
Dilution Range	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hIL-4 (1.50 ng/mL), a concentration of 0.06 -0.1 µg/mL of this antibody is required. ELISA:To detect hIL-4 by direct ELISA (using 100 µL/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant hIL-4. Sandwich:To detect hIL-4 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 our Biotinylated Anti-Human IL-4as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-4.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.
Expiration Date	12 months from date of receipt.



To detect hIL-4 by sandwich ELISA (using...



To detect hIL-4 by Western Blot analysis...



To detect hIL-4 by Western Blot analysis...

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