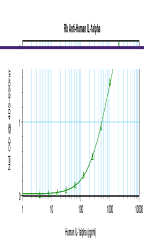
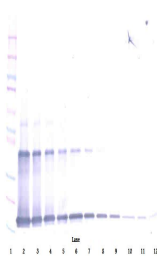



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## Product Datasheet

### IL1A Antibody (orb1272475)

Description	IL1A Antibody	
<b>Species/Host</b>	Rabbit	To detect hIL-1-alpha by sandwich ELISA ...
<b>Reactivity</b>	Human	
<b>Conjugation</b>	Unconjugated	To detect hIL-1-alpha by Western Blot an...
<b>Tested Applications</b>	ELISA, NeA, WB	
<b>Immunogen</b>	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIL-1alpha (human Interleukin-1-alpha).	To detect hIL-1-alpha by Western Blot an...
<b>Target</b>	IL1A	
<b>Form/Appearance</b>	Lyophilized	
<b>Concentration</b>	batch dependent	
<b>Storage</b>	IL-1a 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>Clonality</b>	Polyclonal	
<b>Uniprot ID</b>	<b>P01583</b>	
<b>NCBI</b>	<b>P01583</b>	
<b>Dilution Range</b>	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hIL-1α (20 ng/mL), a concentration of 1.0 - 2.0 µg/mL of this antibody is required. ELISA:To detect hIL-1α 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-1α. Sandwich:To detect hIL-1α 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-1αas a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-1α.Western Blot:To detect hIL-1α 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-1α is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.	