



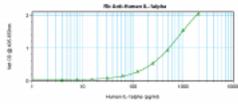
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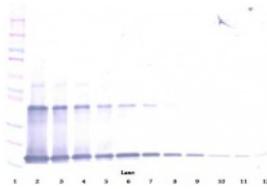
techsupport@prosci-inc.com
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IL-1a Antibody

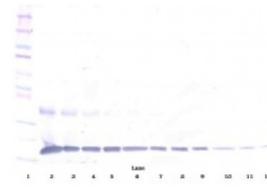
CATALOG NUMBER: XP-5174



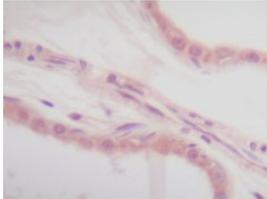
To detect hIL-1-alpha by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.5 - 2.0 ug/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with ProSci's Biotinylated Anti-Human IL-1-alpha (XP-5174Bt) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-1-alpha.



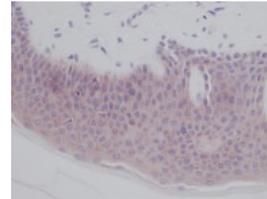
To detect hIL-1-alpha by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-1-alpha is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



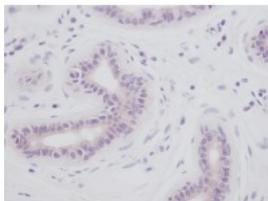
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This antibody stained formalin-fixed, paraffin-embedded sections of normal human skin. The recommended concentration is 1.0 ug/ml overnight at 4°C. An HRP-labeled polymer detection system was used with a non-alcohol soluble AEC chromogen. Enzyme induced antigen retrieval was performed with proteinase K. Optimal concentrations and conditions may vary.



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Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, Neut, WB
APPLICATIONS:	<p>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 ug/mL of this antibody is required.</p> <p>ELISA: To detect hIL-1α by direct ELISA (using 100 uL/well antibody solution) a concentration of at least 0.5 ug/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.</p> <p>Sandwich: To detect hIL-1α 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 our Biotinylated Anti-Human IL-1α (XP-5174Bt) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-1α.</p> <p>Western Blot: To detect hIL-1α 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-1α is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p>
USER NOTE:	Centrifuge vial prior to opening.
IMMUNOGEN:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIL-1alpha (human Interleukin-1-alpha).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Anti-hIL-1alpha specific antibody was purified by affinity chromatography employing immobilized hIL-1alpha matrix.
PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	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.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	IL1, IL-1A, IL1F1, IL1-ALPHA, Interleukin-1 alpha, Hematopoietin-1, IL-1 alpha
ACCESSION NO.:	P01583
PROTEIN GI NO.:	124297
OFFICIAL SYMBOL:	IL1A
GENE ID:	3552

Background

