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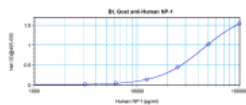


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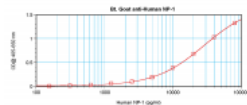
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## NP-1 Antibody (biotin)

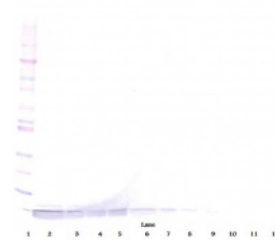
CATALOG NUMBER: XP-5247Bt



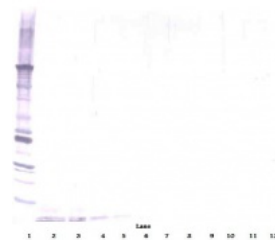
To detect hNP-1 by direct ELISA (using 100 ul/well antibody solution) a concentration of 0.25 – 1.0 ug/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hNP-1.



To detect hNP-1 by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.25 – 1.0 ug/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with ProSci's Polyclonal Anti-Human NP-1 (XP-5247) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hNP-1.



To detect hNP-1 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 hNP-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



To detect hNP-1 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 hNP-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA:

To detect hNP-1 by direct ELISA (using 100 uL/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 ug/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hNP-1.

#### Sandwich:

To detect hNP-1 by sandwich ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our Polyclonal Anti-Human NP-1 (XP-5247) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNP-1.

#### Western Blot:

To detect hNP-1 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 hNP-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

<b>USER NOTE:</b>	Centrifuge vial prior to opening.
<b>IMMUNOGEN:</b>	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hNP-1 (Human NP-1).
<b>HOST SPECIES:</b>	Goat

#### Properties

<b>PURIFICATION:</b>	Anti-hNP-1 specific antibody was purified by affinity chromatography and then biotinylated.
<b>PHYSICAL STATE:</b>	Lyophilized
<b>STORAGE CONDITIONS:</b>	NP-1 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>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Biotin

#### Additional Info

<b>ALTERNATE NAMES:</b>	HP1, MRS, DEF1, HP-1, DEFA2, HNP-1, DEFA1BNeutrophil defensin 1, Defensin, alpha 1
<b>ACCESSION NO.:</b>	P59665
<b>PROTEIN GI NO.:</b>	30316322
<b>OFFICIAL SYMBOL:</b>	DEFA1
<b>GENE ID:</b>	1667

#### Background

FOR RESEARCH USE ONLY

October 24, 2017