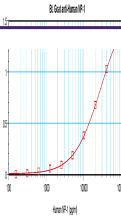




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## Product Datasheet

### DEFA1 Antibody (Biotin) (orb1272351)

| Description                | DEFA1 Antibody (Biotin)   |   |
|----------------------------|---|---|
| <b>Species/Host</b>        | Goat  |    |
| <b>Reactivity</b>          | Human   | To detect hNP-1 by sandwich ELISA (using...   |
| <b>Conjugation</b>         | Biotin  |   |
| <b>Tested Applications</b> | ELISA, WB   |   |
| <b>Immunogen</b>           | Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hNP-1 (Human NP-1).   |   |
| <b>Target</b>              | DEFA1   |   |
| <b>Form/Appearance</b>     | Lyophilized   |   |
| <b>Concentration</b>       | batch dependent   |   |
| <b>Storage</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>Note</b>                | For research use only   | To detect hNP-1 by Western Blot analysis...   |
| <b>Application notes</b>   | <p>ELISA: Sandwich: To detect hNP-1 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 NP-1 (XP-5247) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNP-1.</p> <p>Western Blot: To detect hNP-1 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 hNP-1 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="#">P59665</a>  |   |
| <b>NCBI</b>                | <a href="#">P59665</a>  |   |
| <b>Dilution Range</b>      | <p>ELISA: Sandwich: To detect hNP-1 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 NP-1 (XP-5247) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNP-1.</p> <p>Western Blot: To detect hNP-1 by Western Blot analysis this antibody can be</p>  | To detect hNP-1 by Western Blot analysis...   |