



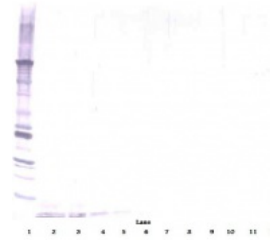
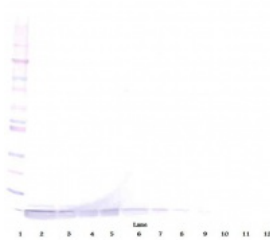
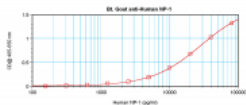
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NP-1 Antibody (biotin)

CATALOG NUMBER: XP-5247Bt



To detect hNP-1 by sandwich ELISA (using 100 μ l/well antibody solution) a concentration of 0.25 – 1.0 μ g/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 μ g/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 μ g/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

SPECIES REACTIVITY: Human

TESTED APPLICATIONS: ELISA, WB

APPLICATIONS: ELISA:

Sandwich:

To detect hNP-1 by sandwich ELISA (using 100 μ L/well antibody solution) a concentration of 0.25 - 1.0 μ g/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 μ g/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.

USER NOTE: Centrifuge vial prior to opening.

IMMUNOGEN: Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hNP-1 (Human NP-1).

HOST SPECIES: Goat

Properties

PURIFICATION: Anti-hNP-1 specific antibody was purified by affinity chromatography and then biotinylated.

PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	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.
CLONALITY:	Polyclonal
CONJUGATE:	Biotin

Additional Info

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

Background

FOR RESEARCH USE ONLY

March 9, 2018