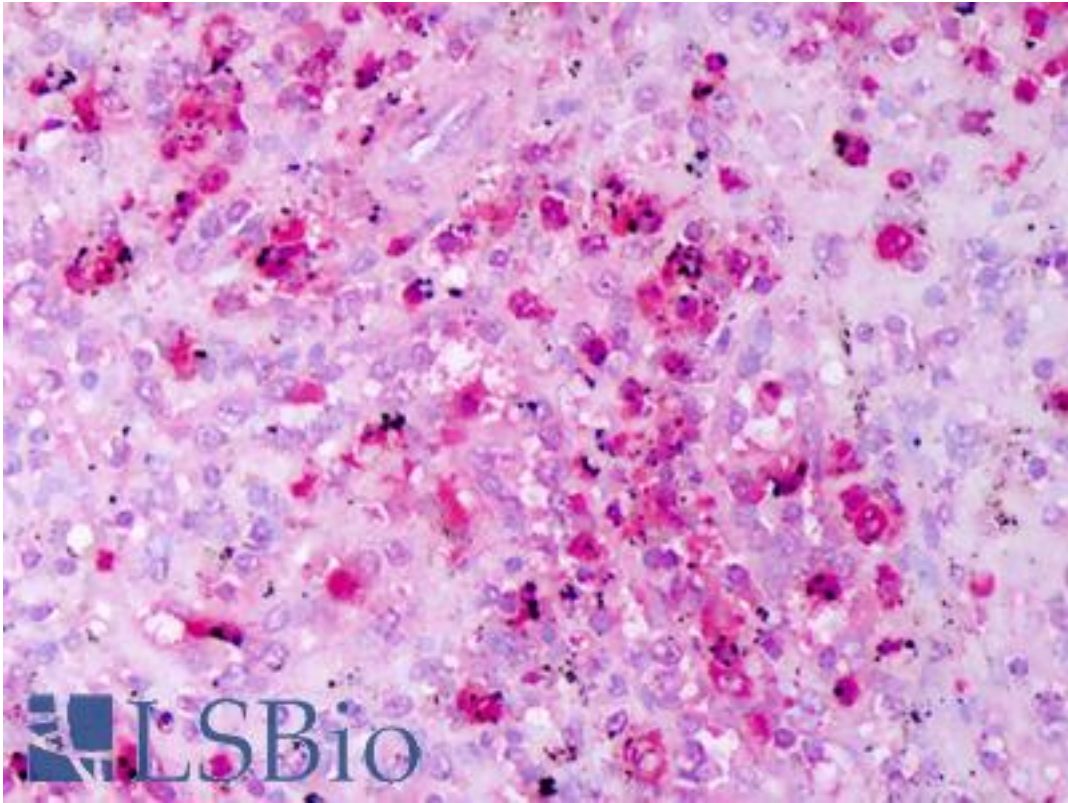


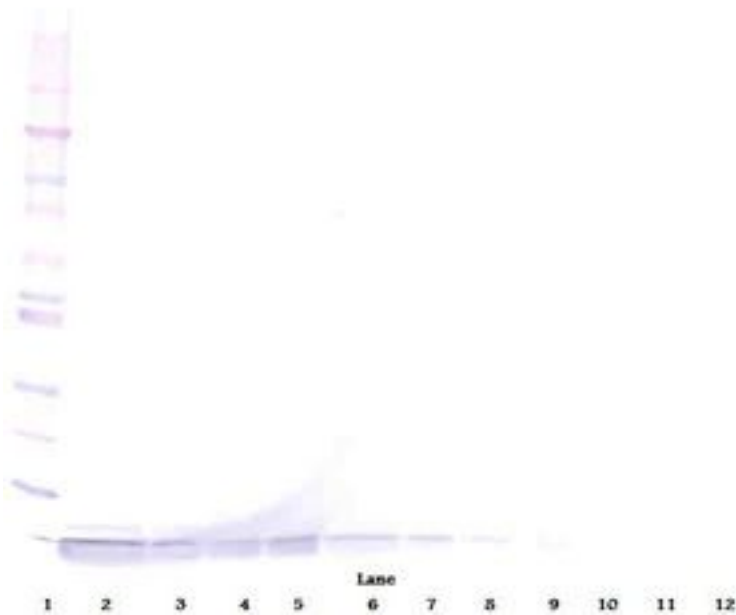
DEFA1 / HP1 Goat anti-Human Polyclonal Antibody - LS-B7416 - LSBio	
CatalogID:	LS-B7416
Validation:	This antibody replaces catalog number LS-C104517. It has been validated for use in the following assays: IHC-P.
Target:	defensin, alpha 1 (DEFA1)
Synonyms:	DEFA1 Antibody, DEFA2 Antibody, Defensin, alpha 2 Antibody, HP-1 Antibody, HP1 Antibody, Myeloid-related sequence Antibody, MRS Antibody, DEF1 Antibody, Defensin, alpha 1 Antibody, HNP-1 Antibody, Neutrophil defensin 1 Antibody
Host	DEFA1 antibody was produced in Goat
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	DEFA1 / HP1 antibody was raised against Human
Antigen Type:	Cell extract
Immunogen:	DEFA1 / HP1 antibody was raised against e.coli derived recombinant Human NP-1.
Specificity:	Human NP-1
Reactivity:	Human
Purification:	Immunoaffinity purified
Reconstitution:	Sterile water. Possible additional volumes for resuspension: 50 µl
Presentation:	Lyophilized from PBS, pH 7.2
Recommended Storage:	Store Lyophilized at room temperature up to 1 month; Reconstituted for up to two weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B7416 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 µg/ml is recommended. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of Human NP-1 (100 ng/ml), a concentration of 0.40-0.60 µg/ml of this antibody is required. ELISA: To detect hNP-1 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human NP-1 (LS-C104516) as a detection 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 with compatible secondary reagents the detection limit for recombinant hNP-1 is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (0.1 - 0.2 µg/ml), ELISA (0.5 - 2 µg/ml), Neutralization (0.4 - 0.6 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg

Immunohistochemistry Image:



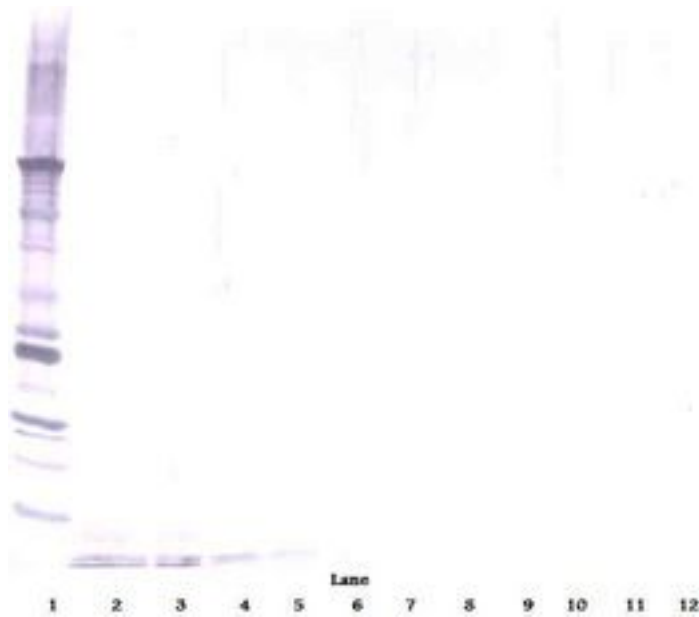
Anti-DEFA1 / NP-1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B7416 concentration 5 ug/ml.

Western Blot Image:



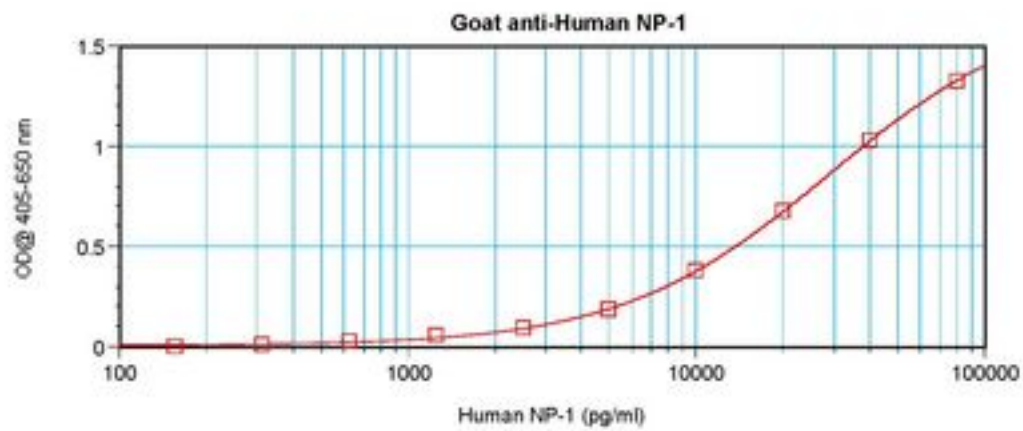
Western Blot (non-reducing) of HP-1 / DEFA1 antibody LS-B7416

Western Blot Image:



Western Blot (reducing) of HP-1 / DEFA1 antibody LS-B7416

ELISA Image:



Sandwich ELISA of HP-1 / DEFA1 antibody LS-B7416

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/24/2014

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