

Product Datasheet

IL-17/IL-17A Antibody - BSA Free NBP1-76337

Unit Size: 0.1 mg

Store at 4C.

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NBP1-76337

IL-17/IL-17A Antibody - BSA Free

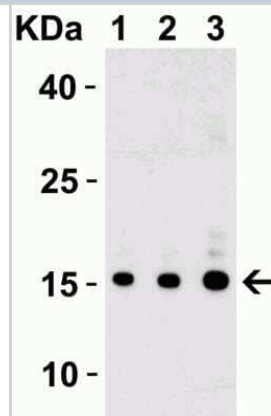
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit IL-17/IL-17A Antibody - BSA Free (NBP1-76337) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-IL-17/IL-17A Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3605
Gene Symbol	IL17A
Species	Human, Mouse, Rhesus Macaque
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine: (84%), Rat: (81%). Use in Rhesus Macaque reported in scientific literature (PMID:32277724).
Immunogen	Antibody was raised against a peptide corresponding to 16 amino acids near the center of mature human IL-17. The immunogen is located within amino acids 50-100 of IL-17.

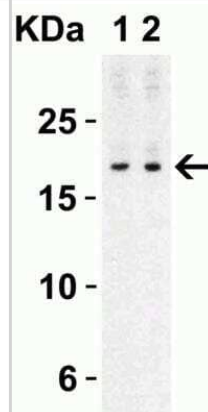
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.125-2 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 1-5 ug/ml, Immunocytochemistry/ Immunofluorescence 5-20 ug/ml, Immunohistochemistry-Paraffin 1-5 ug/ml

Images

Western Blot: IL-17/IL-17A Antibody [NBP1-76337] - Analysis of 1 ng of recombinant human IL-17 with IL-17 antibody at 1 ug/ml.

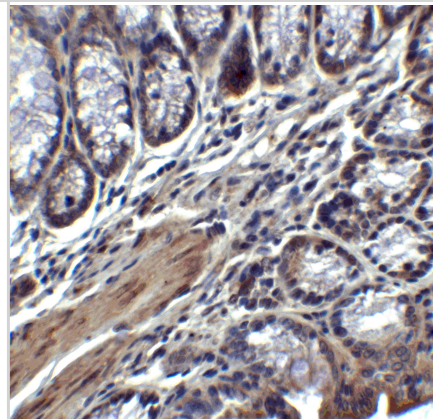


Western Blot: IL-17/IL-17A Antibody [NBP1-76337] - Loading: 10 ug of lysates per lane. Antibodies: IL-17 4887, 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Exposure: 1 min Lane 1: 1 ug/mL Lane 2: 2 ug/mL

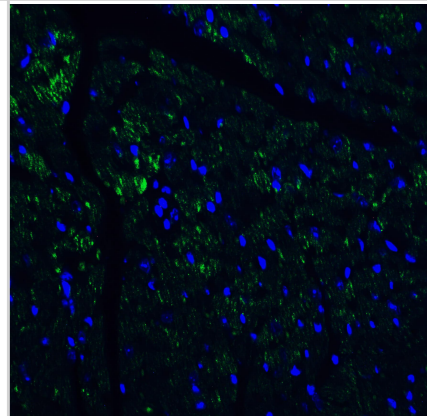


Immunohistochemistry: IL-17/IL-17A Antibody - BSA Free [NBP1-76337] - Validation of IL-17/IL-17A in Mouse Colon Tissue.

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-IL-17/IL-17A antibody at 2 ug/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

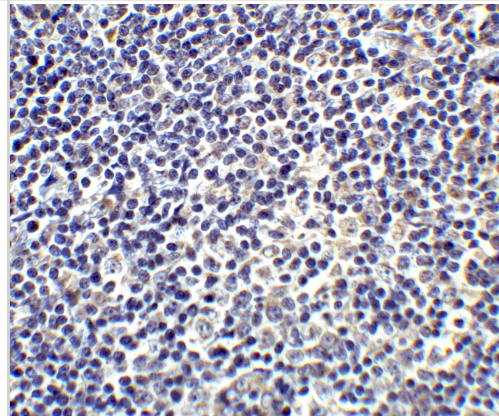


Immunocytochemistry/ Immunofluorescence: IL-17/IL-17A Antibody - BSA Free [NBP1-76337] - Validation of IL-17/IL-17A in Mouse Heart Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse heart tissue labeling IL-17/IL-17A with at 10 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).

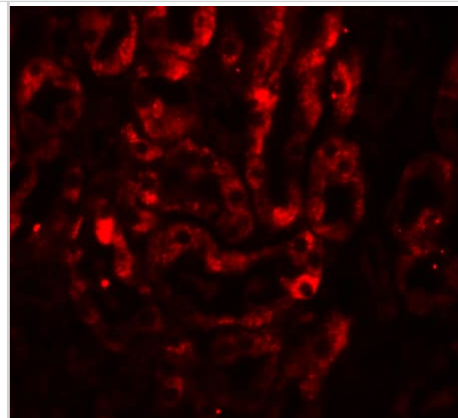


Immunohistochemistry: IL-17/IL-17A Antibody - BSA Free [NBP1-76337] - Validation of IL-17/IL-17A in Human Tonsil Tissue.

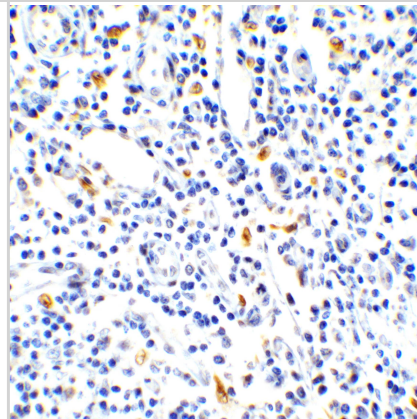
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-IL-17/IL-17A antibody at 5 ug/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



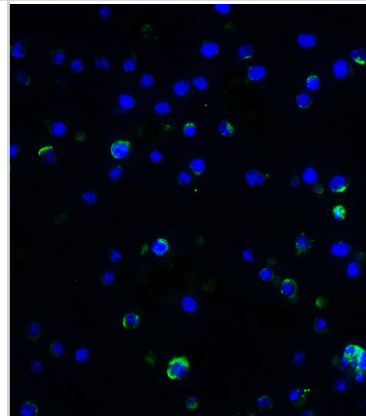
Immunocytochemistry/ Immunofluorescence: IL-17/IL-17A Antibody - BSA Free [NBP1-76337] - Validation of IL-17/IL-17A in Mouse Thymus Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse thymus tissue labeling IL-17/IL-17A with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



Immunohistochemistry: IL-17/IL-17A Antibody - BSA Free [NBP1-76337] - Validation of IL-17/IL-17A in Human Lymph Node. Immunohistochemical analysis of paraffin-embedded human lymph node tissue using anti-IL-17/IL-17A antibody at 1 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunocytochemistry/ Immunofluorescence: IL-17/IL-17A Antibody - BSA Free [NBP1-76337] - Validation of IL-17/IL-17A in Mouse A-20 Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse A-20 Cells labeling IL-17/IL-17A with at 5 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Publications

Doo-Ho Lim, Eun-Ju Lee, Hee-Seop Lee, Do Hoon Kim, Jae-Hyun Lee, Mi Ryeong Jeong, Seokchan Hong, Chang-Keun Lee, Bin Yoo, Jeehee Youn, Yong-Gil Kim, Alberto Ricci Acetylated Diacylglycerol 1-palmitoyl-2-linoleoyl-3-acetyl-rac-glycerol in Autoimmune Arthritis and Interstitial Lung Disease in SKG Mice Biomedicines 2021-08-27 [PMID: 34572282] (ELISA, Western Blot, Mouse)

Soichiro IKEYA, Takuya TAKEICHI, Tomoki TAKI, Yoshinao MURO, Tomoo OGI, Masashi AKIYAMA Paradoxical Reaction in a Patient with Hidradenitis Suppurativa Undergoing Adalimumab Treatment Acta Dermato-Venereologica 2021-06-28 [PMID: 34043022] (ELISA, Western Blot, Mouse)

Kie?b P, Kaczorowski M, Kowalczyk K et al. Role of IL-17A and IL-17RA in Prostate Cancer with Lymph Nodes Metastasis: Expression Patterns and Clinical Significance Cancers (Basel) 2023-09-15 [PMID: 37760548] (ELISA, Western Blot, Mouse)

Young-Eun Kim, Jae-Hyun Lee, Eun-Ju Lee, Do Hoon Kim, Mi Ryeong Jeong, Seokchan Hong, Chang-Keun Lee, Bin Yoo, Jeehee Youn, Eun-Ju Chang, Yong-Gil Kim, Zhenglin Gu The Expression of the Alpha7 Nicotinic Acetylcholine Receptor and the Effect of Smoking in Curdlan-Administered SKG Mice Biomedicines 2023-10-11 [PMID: 37893130]

Cheng Y, Li J, Zhang X et al. Protective Effect of Qingchang Wenzhong Decoction on Colitis and Colitis-Related Carcinogenesis by Regulating Inflammation and Intestinal Fibrosis Journal of inflammation research 2023-04-07 [PMID: 37056910] (IHC-P, Mouse)

Atia A, Moris D, McRae M et al. Th17 Cell Inhibition in a Costimulation Blockade Based Regimen for Vascularized Composite Allotransplantation Using a Non-Human Primate Model Transpl. Int. 2020-04-11 [PMID: 32277724] (IF/IHC, Rhesus Macaca (Macaque))

Cosgarea R, Pollmann R, Sharif J et al. Photodynamic therapy in oral lichen planus: A prospective case-controlled pilot study Sci Rep 2020-02-03 [PMID: 32015380] (IHC-P, Human)

Fu L, Yang X, Liu X et al. Prenatal O3 exposure increases the severity of OVA-induced asthma in offspring Ecotoxicol. Environ. Saf. 2019-01-30 [PMID: 31689658] (ELISA, Mouse)

Ahmad R, Gillette M, Carr S Methods and devices for tuberculosis diagnosis using biomarker profiles United States Patent 9702886B2 2017-07-11

Khalmuratova R, Shin H, Kim D et al. Interleukin (IL)-13 and IL-17A contribute to neo-osteogenesis in chronic rhinosinusitis by inducing RUNX2 EBioMedicine 2019-07-19 [PMID: 31331833] (IF/IHC, Human)

Mummidi S, Das NA, Carpenter AJ et al. Metformin inhibits aldosterone-induced cardiac fibroblast activation, migration and proliferation in vitro, and reverses aldosterone + salt-induced cardiac fibrosis in vivo. J Mol Cell Cardiol. 2017-09-01 [PMID: 27423273] (WB, ELISA, Mouse)



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NBP1-76337PEP	IL-17/IL-17A Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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