

# Product Datasheet

## **Chitinase 3-like 1/YKL-40 Antibody (7T1R3) NBP3-16077-100ul**

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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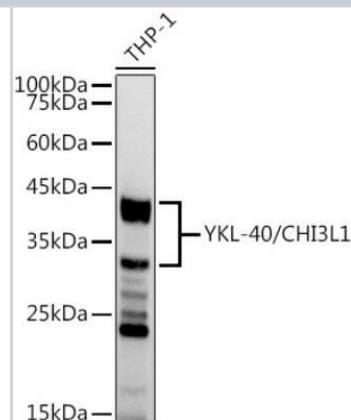
**NBP3-16077-100ul**

Chitinase 3-like 1/YKL-40 Antibody (7T1R3)

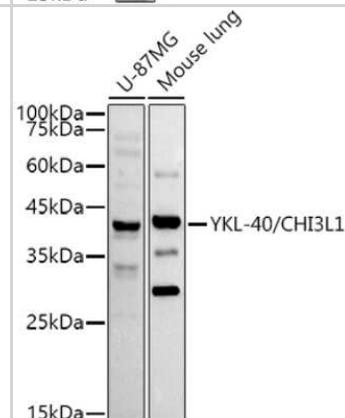
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7T1R3
<b>Preservative</b>	0.05% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Chitinase 3-like 1/YKL-40 Antibody (7T1R3) (NBP3-16077) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1116
<b>Gene Symbol</b>	CHI3L1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 284-383 of human Chitinase 3-like 1 (NP_001267.2). PGRFTKEAGTLAYYEICDFLRGATVHRILGQQVPYATKGNQWVGYYDDQESVKS KVQYLLKDRQLAGAMVWALDLDLDFQGSFCGQDLRFPLTNAIKDALAAT
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

## Images

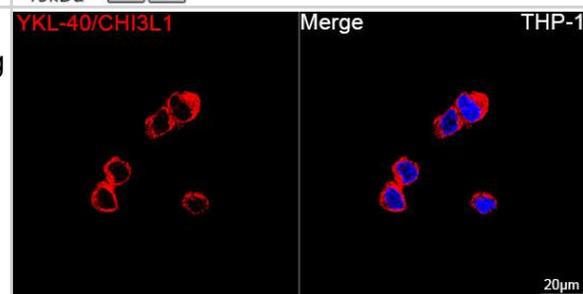
Western Blot: Chitinase 3-like 1 Antibody (9P1P6) [NBP3-16077] - Western blot analysis of extracts of THP-1 cells, using Chitinase 3-like 1 antibody (NBP3-16077) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



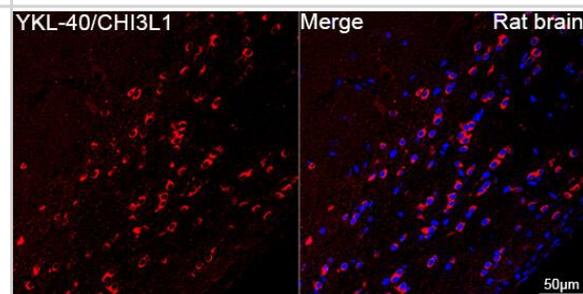
Western Blot: Chitinase 3-like 1 Antibody (9P1P6) [NBP3-16077] - Western blot analysis of extracts of various cell lines, using Chitinase 3-like 1 antibody (NBP3-16077) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunocytochemistry/ Immunofluorescence: Chitinase 3-like 1/YKL-40 Antibody (7T1R3) [NBP3-16077] - Confocal imaging of THP-1 cells using Chitinase 3-like 1/YKL-40 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: Chitinase 3-like 1/YKL-40 Antibody (7T1R3) [NBP3-16077] - Confocal imaging of paraffin-embedded Rat brain tissue using Chitinase 3-like 1/YKL-40 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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### Products Related to NBP3-16077-100ul

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21409PEP	Chitinase 3-like 1/YKL-40 Recombinant Protein Antigen

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### 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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