

Product Datasheet

TLR (Intracellular) Screening Antibody Pack NBP2-25085

Unit Size: 6 Vials

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-25085

Updated 4/13/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-25085



NBP2-25085**TLR (Intracellular) Screening Antibody Pack****Product Information**

Unit Size	6 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Product Description

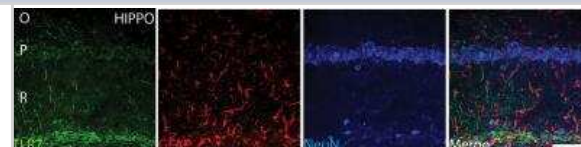
Species	Human, Mouse
Reactivity Notes	See individual datasheets of components for their validated species
Immunogen	See individual datasheets.
Kit Components	NBP2-24729: TLR9 Antibody (26C593.2) - BSA Free, NBP2-24875: TLR3 Antibody (40C1285.6) - BSA Free, NBP2-24906: TLR7 Antibody - BSA Free, NBP2-24917: TLR8 Antibody (44C143) - BSA Free, NL004: Donkey anti-Rabbit IgG Secondary Antibody [NL557], NL007: Donkey anti-Mouse IgG Secondary Antibody [NL557]

Product Application Details

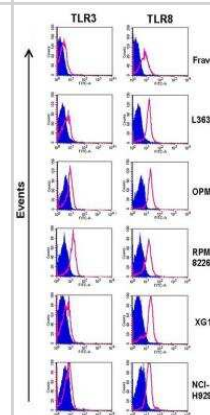
Applications	Western Blot, Dot Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Dot Blot, Flow (Intracellular)
Application Notes	See individual datasheets of components for their validated applications

Images

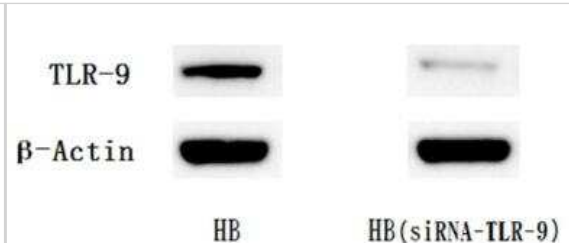
Immunohistochemistry: TLR (Intracellular) Screening Antibody Pack [NBP2-25085] - The expression of TLR-7 in the hippocampal brain region. The immunofluorescence of TLR7 recognized by Alexa 488, green. GFAP recognized by Alexa 594, red. NEUN recognized by Alexa 633, (blue) and merged image in the hippocampal region. NeuN and GFAP were applied to show the distribution of TLR7 within neuronal and supportive tissue populations. Scale bar 80 um. Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.pone.0222818](https://doi.org/10.1371/journal.pone.0222818)) licensed under a CC-BY license. TLR7 Antibody [NBP2-24906]



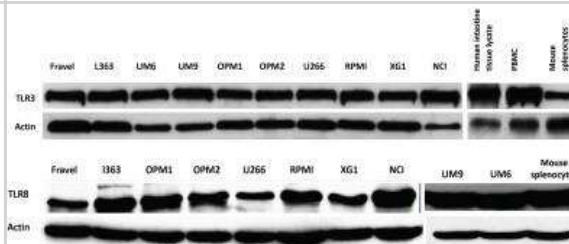
Flow Cytometry: TLR (Intracellular) Screening Antibody Pack [NBP2-25085] - Expression of TLR3 and TLR8 in Fravel, L363, OPM1, RPMI8226, XG1, and NCI-H929 as determined by flow cytometry. HCMLs were stained using an intracellular staining protocol with TLR3 and TLR8 antibodies followed by relevant secondary fluorescent-conjugated antibodies. Filled histograms (purple) represent the isotype controls and the open histograms (red) indicate TLR8. Data are representative for analysis of ≥ 2 independent experiments. Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.pone.0060671](https://doi.org/10.1371/journal.pone.0060671)) licensed under a CC-BY license. TLR3 Antibody (40C1285.6) [NBP2-24875] and TLR8 Antibody (44C143) [NBP2-24917]



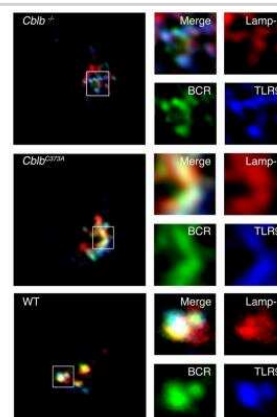
Western Blot: TLR (Intracellular) Screening Antibody Pack [NBP2-25085]
 - Expression of TLR-9 protein in HB cells before and after 48 hr of transfection. Beta-actin was used as an internal control. Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.pone.0092748](https://doi.org/10.1371/journal.pone.0092748)) licensed under a CC-BY license. TLR9 Antibody (26C593.2) [NBP2-24729]



Western Blot: TLR (Intracellular) Screening Antibody Pack [NBP2-25085]
 - All the cell lines displayed a strong expression of TLR3 and TLR8 proteins. To confirm the immunoreactivity of the antibody, different positive controls were included. Beta-actin was served as loading control and was used to normalize expression levels between cells. Data are representative for analysis of ≥ 2 independent experiments. Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.pone.0060671](https://doi.org/10.1371/journal.pone.0060671)) licensed under a CC-BY license.



Immunocytochemistry/Immunofluorescence: TLR (Intracellular) Screening Antibody Pack [NBP2-25085] - Cbl-b is required for the endocytic transit of TLR9. Representative confocal microscopic images of splenocytes from mice with indicated genotypes. For experiments, cells were stimulated through the BCR (green) for 30 minutes then fixed and stained for TLR9 (blue) and Lamp-1 (red)(n = 3). Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.pone.0089792](https://doi.org/10.1371/journal.pone.0089792)) licensed under a CC-BY license. TLR9 Antibody (26C593.2) [NBP2-24729]



Simple Western: TLR (Intracellular) Screening Antibody Pack [NBP2-25085] - Lane view shows a specific band for TLR9 in 0.5 mg/ml of Ramos lysate. This experiment was performed under reducing conditions using the 66-440 kDa separation system. Image using the Azide Free format of this antibody. TLR9 Antibody (26C593.2) [NBP2-24729]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

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

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-25085

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

