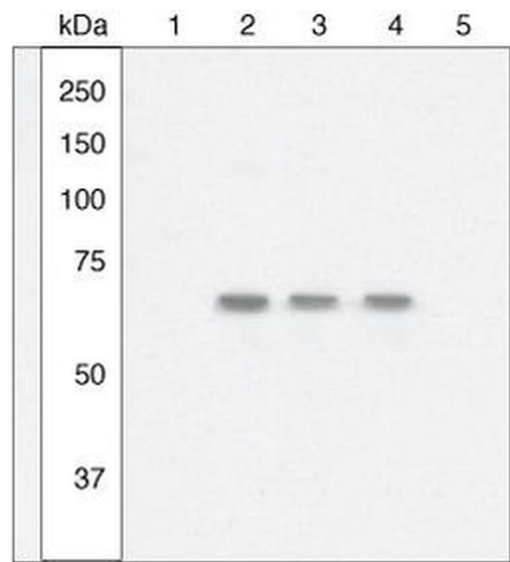


Phospho-NFkB p65 (Ser529) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Rat, Hamster, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human NFkB that contains serine 529.
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533728

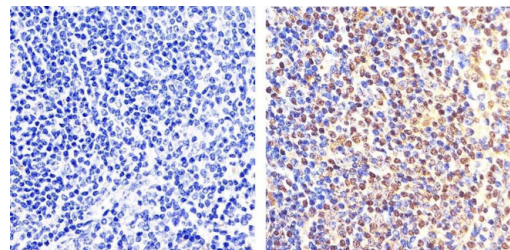
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	2 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:100	-
Immunocytochemistry (ICC/IF)	-	1 Publication

Product Images For Phospho-NFkB p65 (Ser529) Polyclonal Antibody



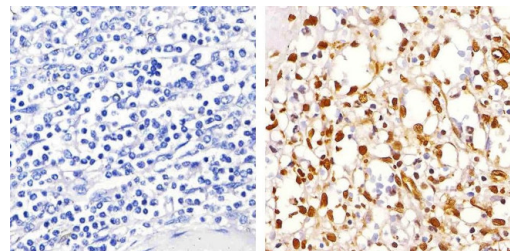
Phospho-NFkB p65 (Ser529) Antibody (44-711G)

Altered expression of protein upon cell treatment demonstrates antibody specificity. Western blot of NFkB p65 (pS526) using Anti -NFkB p65 (pS526) Rabbit Polyclonal Antibody (Product # 44-711G) shows increased expression of NFkB p65 [pS526] in Jurkat T cells upon PMA and Ca²⁺ ionophore treatment.



Phospho-NFkB p65 (Ser529) Antibody (44-711G) in IHC (P)

Immunohistochemistry analysis of Phospho-NFkB (pS529) showing staining in the nucleus and cytoplasm of paraffin-embedded mouse spleen tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H₂O₂-methanol for 15 min at room temperature, washed with ddH₂O and PBS, and then probed with a Phospho-NFkB (pS529) polyclonal antibody (Product # 44-711G) diluted in 3% BSA-PBS at a dilution of 1:50 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



Phospho-NFkB p65 (Ser529) Antibody (44-711G) in IHC (P)

Immunohistochemistry analysis of Phospho-NFkB (pS529) showing staining in the nucleus and cytoplasm of paraffin-embedded human spleen tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H₂O₂-methanol for 15 min at room temperature, washed with ddH₂O and PBS, and then probed with a Phospho-NFkB (pS529) polyclonal antibody (Product # 44-711G) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.

View more figures on thermofisher.com

Western Blot (2)

<p>Evidence-based complementary and alternative medicine : eCAM</p> <p>Mechanical Study of Jian-Gan-Xiao-Zhi Decoction on Nonalcoholic Fatty Liver Disease Based on Integrated Network Pharmacology and Untargeted Metabolomics.</p> <p>"44-711G was used in Western Blotting to investigate the mechanisms by which Jian-Gan-Xiao-Zhi decoction improve nonalcoholic fatty liver disease."</p> <p>Authors: Cao YJ,Li HZ,Zhao J,Sun YM,Jin XW,Lv SQ,Luo JY,Fang XX,Wen WB,Liao JB</p>	<p>Year 2022</p> <p>Species Rat</p> <p>Dilution 1:1000</p>
<p>PloS one</p> <p>The In Vitro Effect of Acidic-Pepsin on Nuclear Factor KappaB Activation and Its Related Oncogenic Effect on Normal Human Hypopharyngeal Cells.</p> <p>"Published figure using Phospho-NFkB p65 (Ser529) polyclonal antibody (Product # 44-711G) in Western Blot"</p> <p>Authors: Sasaki CT,Toman J,Vageli D</p>	<p>Year 2017</p> <p>Species Human</p> <p>Dilution 1:100</p>

Immunohistochemistry (2)

<p>Nature communications</p> <p>TNF antagonist sensitizes synovial fibroblasts to ferroptotic cell death in collagen-induced arthritis mouse models.</p> <p>"44-711G was used in Immunohistochemistry to imply that the combination of TNF inhibitors and ferroptosis inducers may serve as a potential candidate for RA therapy."</p> <p>Authors: Wu J,Feng Z,Chen L,Li Y,Bian H,Geng J,Zheng ZH,Fu X,Pei Z,Qin Y,Yang L,Zhao Y,Wang K,Chen R,He Q,Nan G,Jiang X,Chen ZN,Zhu P</p>	<p>Year 2022</p> <p>Species Human</p>
<p>Journal of immunology research</p> <p>Curcumin and α-Adrenergic Antagonists Cotreatment Reverse Liver Cirrhosis in Hamsters: Participation of Nrf-2 and NF-B.</p> <p>"44-711G was used in Immunohistochemistry to suggest for the first time that α adrenergic blockers with curcumin completely reverse hepatic damage, possibly as a result of adrenergic antagonism on HSC and conceivably by the increase of Nrf-2/NF-B mRNA ratio."</p> <p>Authors: Macías-Pérez JR,Vázquez-López BJ,Muñoz-Ortega MH,Aldaba-Muruato LR,Martínez-Hernández SL,Sánchez-Alemán E,Ventura-Juárez J</p>	<p>Year 2019</p> <p>Species Hamster</p> <p>Dilution 1:100</p>

More applications with references on thermofisher.com

ICC/IF (1)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.