

# NFkB p50 Recombinant Polyclonal Antibody (24HCLC)

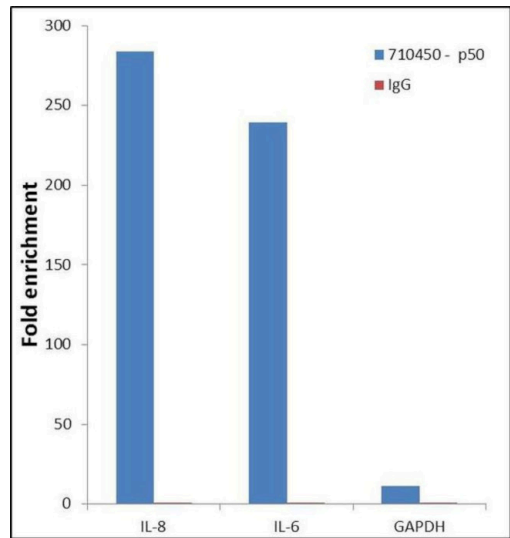
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	24HCLC
Conjugate	Unconjugated
Immunogen	Peptide corresponding to amino acids 143-156 of human p50
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2532720

Applications	Tested Dilution	Publications
Western Blot (WB)	2-3 µg/mL	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:20-1:200	-
Immunocytochemistry (ICC/IF)	1-2 µg/mL	-
ChIP assay (ChIP)	1-5 µg x 10^6 cells	-

## Product Specific Information

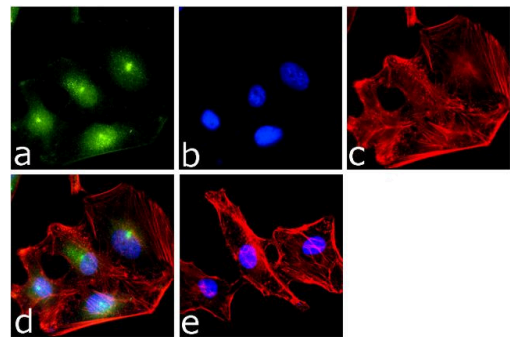
Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

Product Images For NFkB p50 Recombinant Polyclonal Antibody (24HCLC)



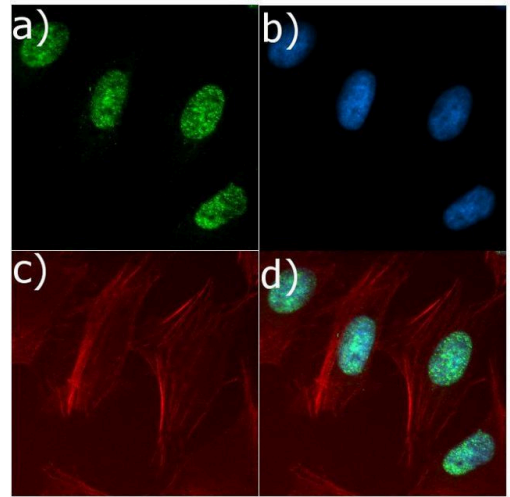
NFkB p50 Antibody (710450)

Antibody specificity was demonstrated through detection of enrichment of the target protein at specific gene loci. Chromatin Immunoprecipitation (ChIP) was performed using Anti-p50 Recombinant Rabbit Polyclonal Antibody (Product # 710450) with relevant positive and negative target genes/ binding sites. {RE}



NFkB p50 Antibody (710450) in ICC/IF

Immunofluorescence analysis of NFkB p50 was done on 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 15 minutes, permeabilized with 0.25% Triton™ X-100 for 10 minutes, and blocked with 5% BSA for 1 hour at room temperature. The cells were labeled with NFkB p50 (24HCLC), Recombinant Rabbit Polyclonal Antibody (Product # 710450) at 1 µg/mL in 1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor® 555 Rhodamine Phalloidin (Product # R415, 1:300). Panel d is a merged image showing Nuclear localization. Panel e is a no primary antibody control. The images were captured at 60X magnification.



NFkB p50 Antibody (710450) in ICC/IF

Immunofluorescent analysis of NFkB p50 in HeLa cells using a NFkB p50 Recombinant Rabbit Polyclonal Antibody (Product # 710450) followed by detection using an Alexa Fluor 488-conjugated Goat anti-Rabbit secondary antibody (green) (Image A). Nuclei were stained using DAPI (Image B) and actin stained with Alexa Fluor 594 phalloidin (red) (image C). Image D is a composite image showing nuclear localization of p50.

View more figures on [thermofisher.cn](https://thermofisher.cn)

Western Blot (1)

International journal of molecular medicine	Year 2021
<b>Regulatory role of DEPTORmediated cellular autophagy and mitochondrial reactive oxygen species in angiogenesis in multiple myeloma.</b>	
"Published figure using NFkB p50 recombinant polyclonal antibody (Product # 710450) in Western Blot"	
Authors: Wang J,Chen J,Qiu D,Zeng Z	

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