

Product Datasheet

Glucocorticoid Receptor alpha Antibody (3F2) NBP2-75509

Unit Size: 100 ul

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

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NBP2-75509**Glucocorticoid Receptor alpha Antibody (3F2)**

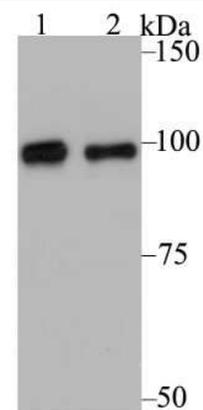
Product Information	
Unit Size	100 ul
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3F2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	86 kDa

Product Description	
Host	Mouse
Gene Symbol	NR3C1
Species	Human, Mouse
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Recombinant full length protein corresponding to Human Glucocorticoid Receptor alpha. (SwissProt: P04150 Human; SwissProt: P06537 Mouse)

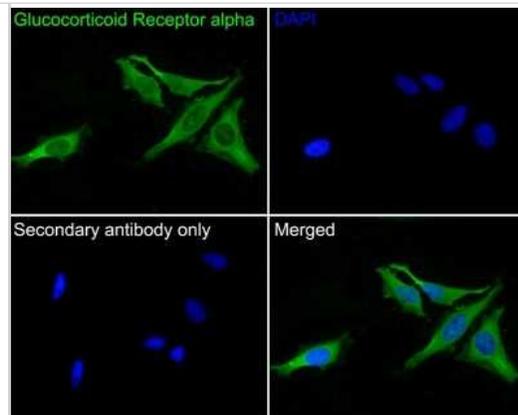
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50-1:200

Images

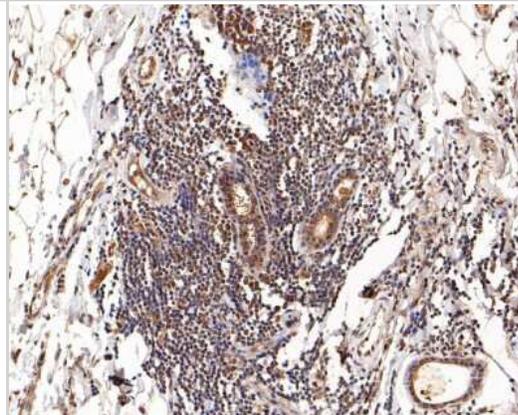
Western Blot: Glucocorticoid Receptor alpha Antibody (3F2) [NBP2-75509] - Analysis of Glucocorticoid Receptor alpha on SiHa (1) and A549 (2) using anti-Glucocorticoid Receptor alpha antibody at 1/5,000 dilution.



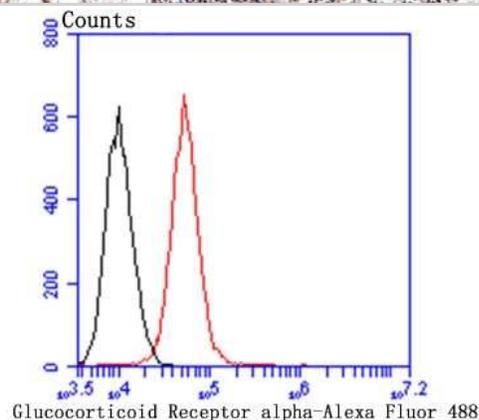
Immunocytochemistry/Immunofluorescence: Glucocorticoid Receptor alpha Antibody (3F2) [NBP2-75509] - Analysis of Hela cells labeling Glucocorticoid Receptor alpha with Mouse anti-Glucocorticoid Receptor alpha antibody at 1/50 dilution. Cells were fixed in 4% paraformaldehyde for 30 minutes, permeabilized with 0.1% Triton X-100 in PBS for 15 minutes, and then blocked with 2% BSA for 30 minutes at room temperature. Cells were then incubated with Mouse anti-Glucocorticoid Receptor alpha antibody at 1/50 dilution in 2% BSA overnight at 4 . Goat Anti-Mouse IgG H&L (iFluor(TM) 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



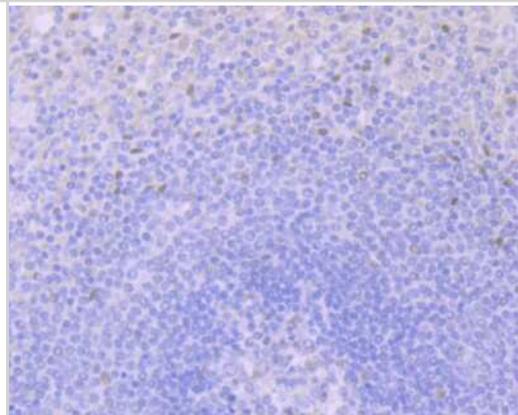
Immunohistochemistry-Paraffin: Glucocorticoid Receptor alpha Antibody (3F2) [NBP2-75509] - Analysis of paraffin-embedded human breast carcinoma tissue with Mouse anti-Glucocorticoid Receptor alpha antibody at 1/200 dilution. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



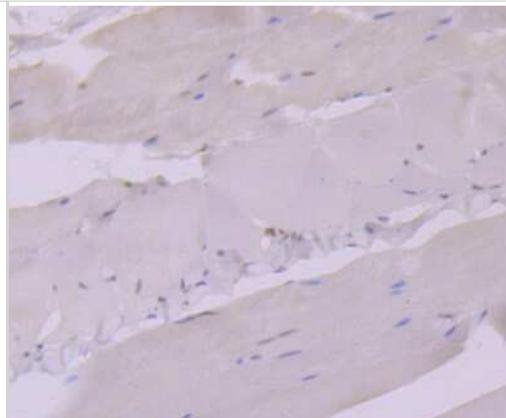
Flow Cytometry: Glucocorticoid Receptor alpha Antibody (3F2) [NBP2-75509] - Analysis of A549 cells with Glucocorticoid Receptor alpha antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-mouse IgG was used as the secondary antibody.



Immunohistochemistry-Paraffin: Glucocorticoid Receptor alpha Antibody (3F2) [NBP2-75509] - Analysis of paraffin-embedded human spleen tissue using anti-Glucocorticoid Receptor alpha antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Glucocorticoid Receptor alpha Antibody (3F2) [NBP2-75509] - Analysis of paraffin-embedded mouse smooth muscle tissue using anti-Glucocorticoid Receptor alpha antibody. Counter stained with hematoxylin.





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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.

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