

Product Datasheet

FXR2 Antibody (1G2) - BSA Free NB300-259

Unit Size: 0.1 ml

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

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NB300-259

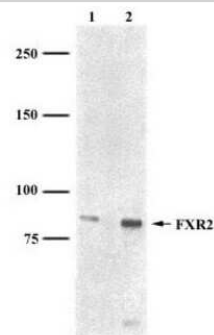
FXR2 Antibody (1G2) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G2
Preservative	0.01% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	80 kDa
Product Description	
Host	Mouse
Gene ID	9513
Gene Symbol	FXR2
Species	Human, Mouse
Immunogen	Recombinant C-terminal fragment of human FXR2 (residues 414-658). [UniProt# P51116]
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2500, Immunohistochemistry 20 ug/ml, Immunocytochemistry/ Immunofluorescence 1:100-1:200, Immunohistochemistry-Paraffin 20 ug/ml
Application Notes	This FXR2 Antibody (1G2) is useful for Immunohistochemistry on paraffin-embedded secitons and Western blot, where a band is seen at ~80 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.



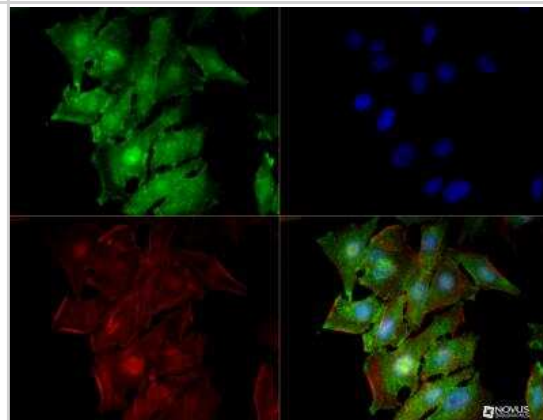
Images

Western Blot: FXR2 Antibody (1G2) [NB300-259] - Whole cell HeLa lysate at a concentration of 1:2500 (lane 1) and 1:500 (lane 2).



FXR2 detected in HeLa whole cell lysate using NB 300-259. Lane 1 - 1:2,500. Lane 2: 1:500.

Immunocytochemistry/Immunofluorescence: FXR2 Antibody (1G2) [NB300-259] - FXR2 (1G2) antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red).



Publications

Gao Q, Bi P, Mi Q et al. Effect of nicotine on cholesterol gallstone formation in C57BL/6J mice fed on a lithogenic diet Experimental and therapeutic medicine 2023-02-01 [PMID: 36684657] (IHC-P, WB, Mouse)

Details:

Dilution used in IHC-P 1:500, WB 1:2,000

Darnell JC, Fraser CE, Mostovetsky O, Darnell RB. Discrimination of common and unique RNA-binding activities among Fragile X mental retardation protein paralogs. Hum Mol Genet;18(17):3164-77. 2009-09-01 [PMID: 19487368] (WB, Mouse)

Procedures

Serum protocol for FXR2 Antibody (NB300-259)

FXR2 Antibody (1G2):

Western Blot Procedure

1. Resolve proteins on a 7.5% SDS-PAGE.
2. Transfer protein to membrane.
3. Block the membrane for 40 minutes at RT with 3% NFDM in TBST.
4. Incubate membrane in diluted anti-FXR2, NB 300-259 (diluted in blocking solution), for 2 hours at RT.
5. Wash membrane.
6. Incubate membrane in diluted anti-mouse IgG secondary antibody (diluted in blocking solution), for 1 hour at RT.
7. Wash membrane.
8. Develop membrane.





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Limitations

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