

Product Datasheet

ABCG2/CD338 Antibody (JF0994) NBP3-31988

Unit Size: 100 ul

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

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NBP3-31988

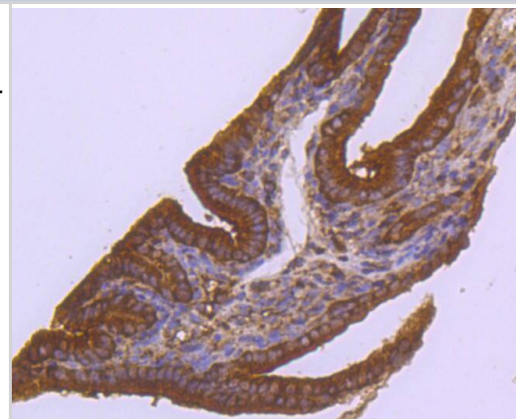
ABCG2/CD338 Antibody (JF0994)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JF0994
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	72 kDa
Product Description	
Description	Novus Biologicals Rabbit ABCG2/CD338 Antibody (JF0994) (NBP3-31988) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9429
Gene Symbol	ABCG2
Species	Human, Mouse
Immunogen	Synthetic peptide within human ABCG2/CD338 aa 140-180. (Uniprot: Q9UNQ0)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200



Images

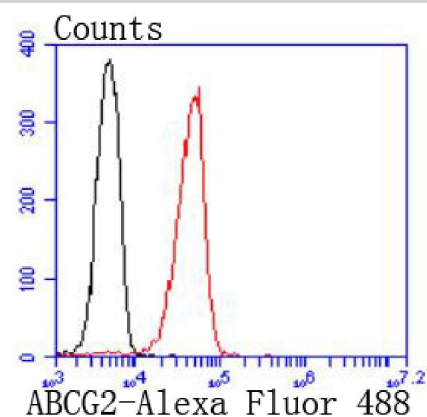
Immunohistochemistry: ABCG2/CD338 Antibody (JF0994) [NBP3-31988] - Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-ABCG2/CD338 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-31988, 1/50) for 30 minutes 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.



Immunocytochemistry/ Immunofluorescence: ABCG2/CD338 Antibody (JF0994) [NBP3-31988] - ICC staining of ABCG2/CD338 in Hela cells (red). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (NBP3-31988, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®594 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).



Flow Cytometry: ABCG2/CD338 Antibody (JF0994) [NBP3-31988] - Flow cytometric analysis of ABCG2/CD338 was done on 293T cells. The cells were fixed, permeabilized and stained with the primary antibody (NBP3-31988, 1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



Western Blot: ABCG2/CD338 Antibody (JF0994) [NBP3-31988] - Western blot analysis of ABCG2/CD338 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (NBP3-31988, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature.

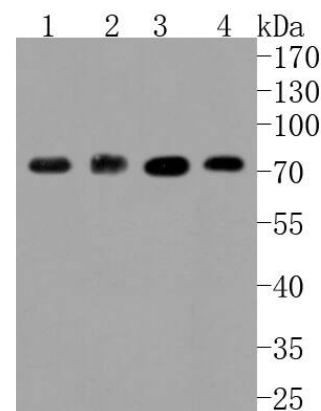
Positive control:

Lane 1: HepG2 cell lysate

Lane 2: human placenta tissue lysate

Lane 3: Hela cell lysate

Lane 4: 293T cell lysate





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Products Related to NBP3-31988

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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