

Product Datasheet

Iduronate 2-Sulfatase/IDS Antibody (OTI1D9) NBP2-01745

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-01745

Iduronate 2-Sulfatase/IDS Antibody (OT11D9)

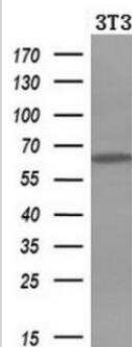
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11D9
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	59.2 kDa

Product Description	
Host	Mouse
Gene ID	3423
Gene Symbol	IDS
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-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 questions.
Immunogen	Full length human recombinant protein of human IDS(NP_000193) produced in HEK293T cell.

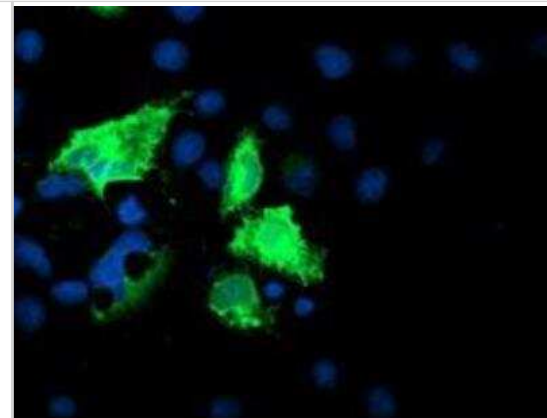
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

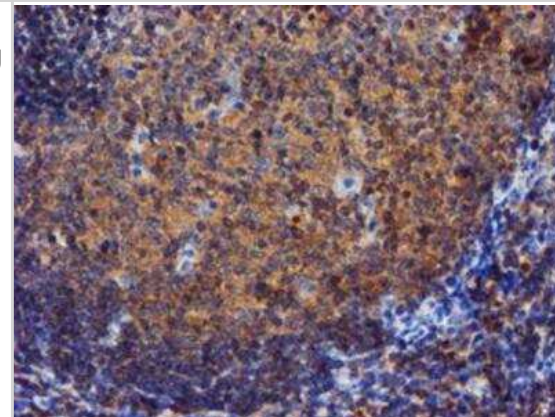
Western Blot: Iduronate 2-Sulfatase/IDS Antibody (OT11D9) [NBP2-01745] - Analysis of extracts (10ug) from a mouse cell line by using anti-IDS monoclonal antibody (1:200).



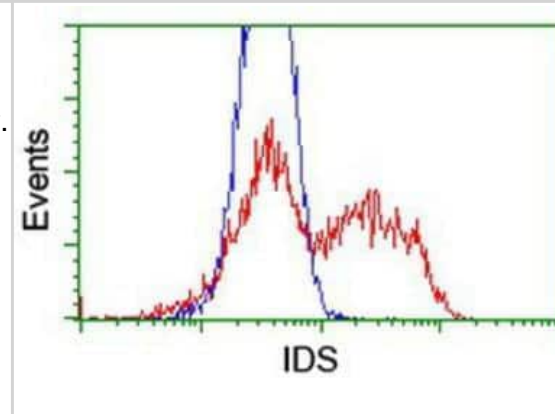
Immunocytochemistry/Immunofluorescence: Iduronate 2-Sulfatase/IDS Antibody (OT11D9) [NBP2-01745] - Staining of COS7 cells.



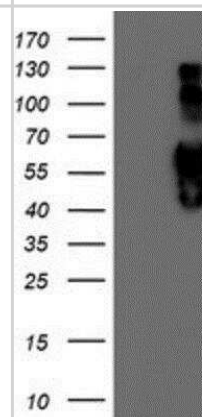
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Human tonsil using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



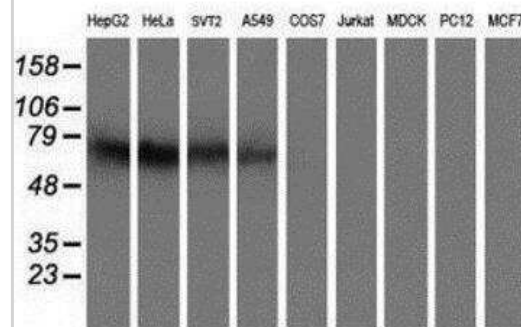
Flow Cytometry: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Iduronate 2 sulfatase antibody, and then analyzed by flow cytometry.



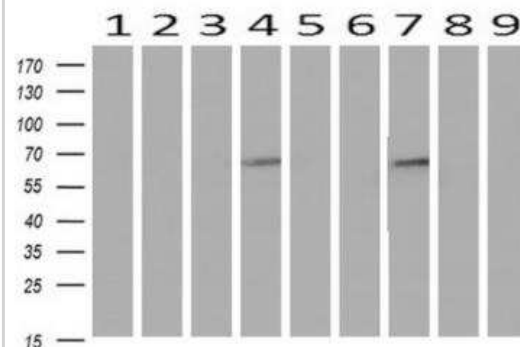
Western Blot: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Iduronate 2 sulfatase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Iduronate 2 sulfatase.



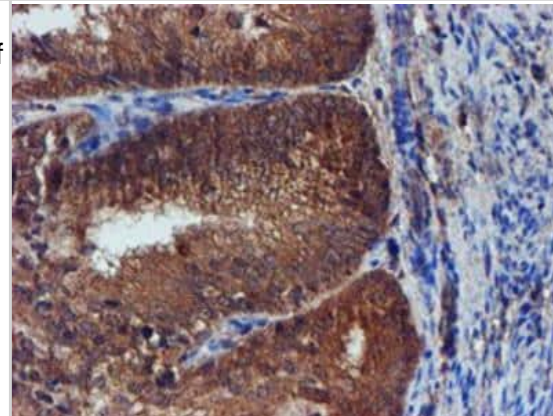
Western Blot: Iduronate 2-Sulfatase/IDS Antibody (OT11D9) [NBP2-01745] - Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Iduronate 2 sulfatase monoclonal antibody.



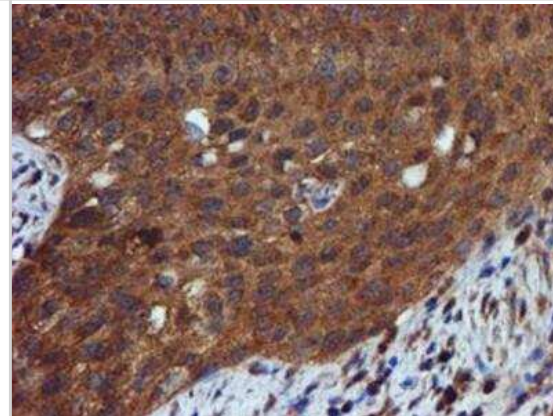
Western Blot: Iduronate 2-Sulfatase/IDS Antibody (OT11D9) [NBP2-01745] - Analysis of extracts (10ug) from Human tissues by using anti-IDS monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon).



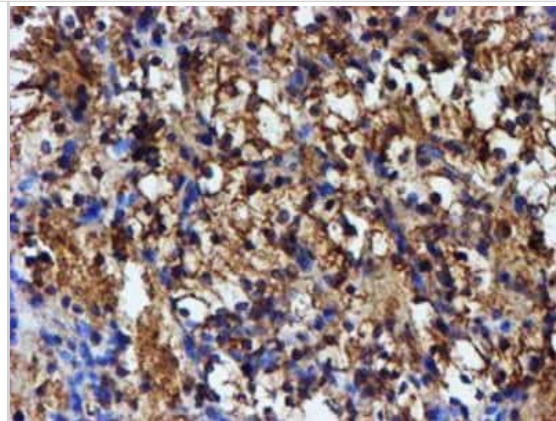
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



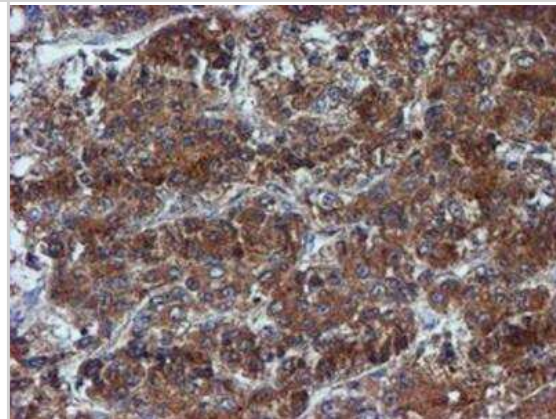
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Iduronate 2 sulfatase Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



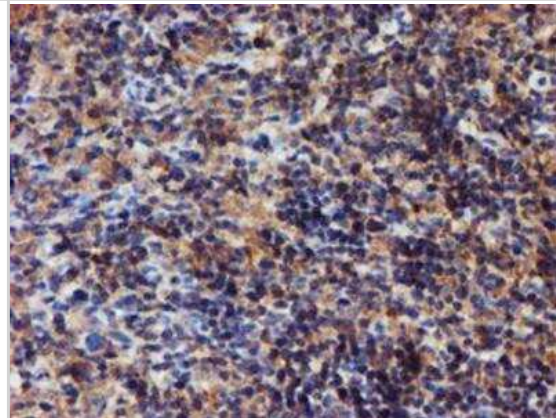
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



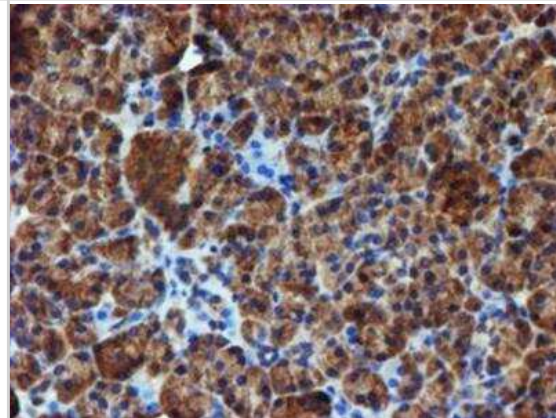
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



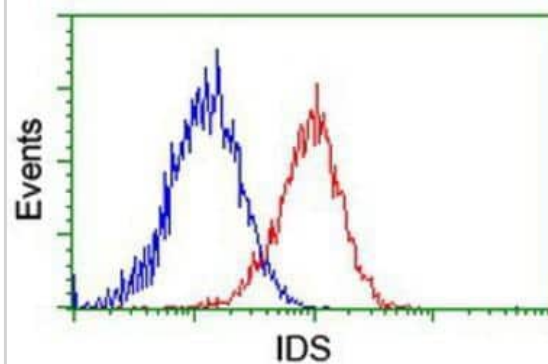
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Human lymphoma tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



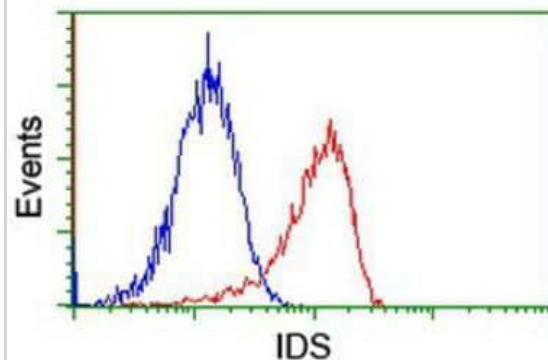
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Human pancreas tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



Flow Cytometry: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Analysis of Hela cells, using anti-Iduronate 2 sulfatase antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Analysis of Jurkat cells, using anti-Iduronate 2 sulfatase antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Hélène FE Gleitz, Ai Yin Liao, James R Cook, Samuel F Rowlston, Gabriella MA Forte, Zelpha D'Souza, Claire O'Leary, Rebecca J Holley, Brian W Bigger Brain-targeted stem cell gene therapy corrects mucopolysaccharidosis type II via multiple mechanisms EMBO Molecular Medicine 2018-06-08 [PMID: 29884617]



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Products Related to NBP2-01745

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP3-17659PEP	Iduronate 2-Sulfatase/IDS Recombinant Protein Antigen

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