

# 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)**

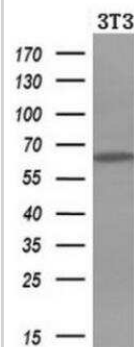
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OT11D9
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>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

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Iduronate 2-Sulfatase/IDS Antibody (OT11D9) (NBP2-01745) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-Iduronate 2-Sulfatase/IDS Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3423
<b>Gene Symbol</b>	IDS
<b>Species</b>	Human, Mouse, Rat, Monkey
<b>Reactivity Notes</b>	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.
<b>Immunogen</b>	Full length human recombinant protein of human IDS(NP_000193) produced in HEK293T cell.

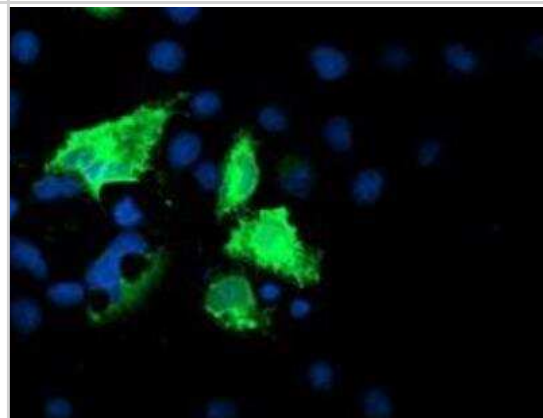
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/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

## Images

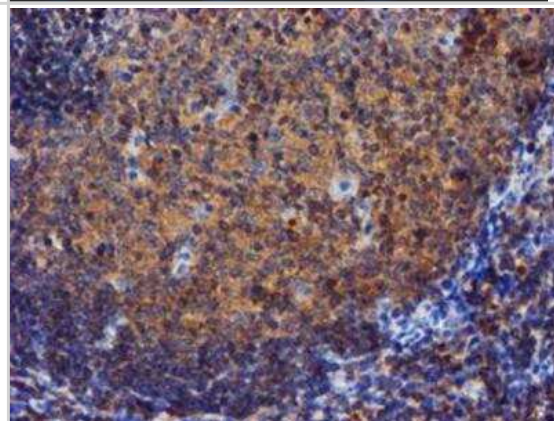
Western Blot: Iduronate 2-Sulfatase/IDS Antibody (OT11D9) [NBP2-01745] - Analysis of extracts (10ug) from a mouse cell line by using anti-IDS monoclonal antibody (1:200).



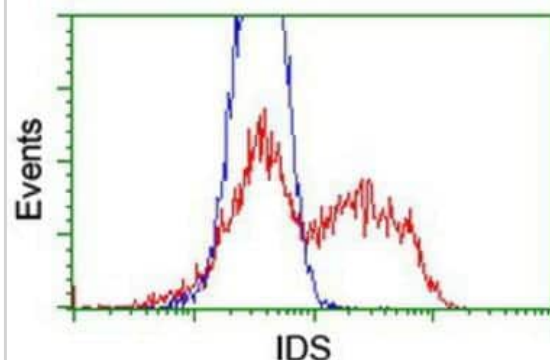
Immunocytochemistry/Immunofluorescence: Iduronate 2-Sulfatase/IDS Antibody (OT11D9) [NBP2-01745] - Staining of COS7 cells.



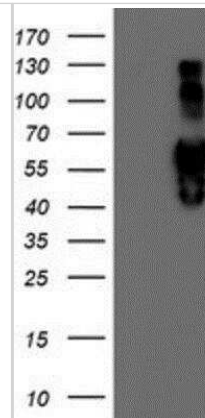
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Human tonsil using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



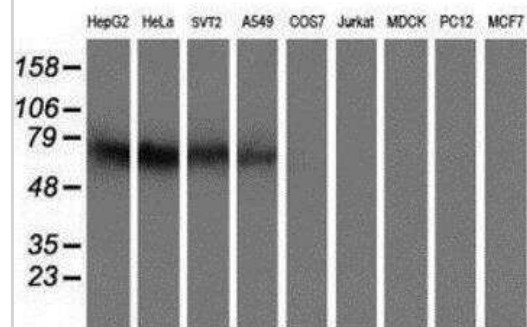
Flow Cytometry: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Iduronate 2 sulfatase antibody, and then analyzed by flow cytometry.



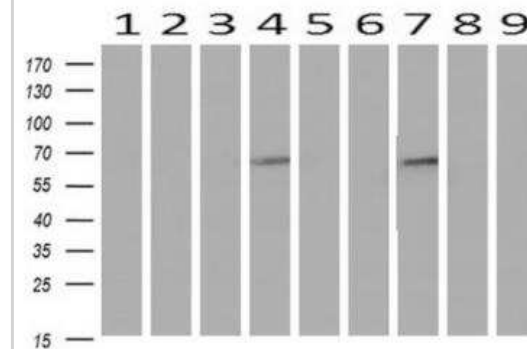
Western Blot: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Iduronate 2 sulfatase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and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



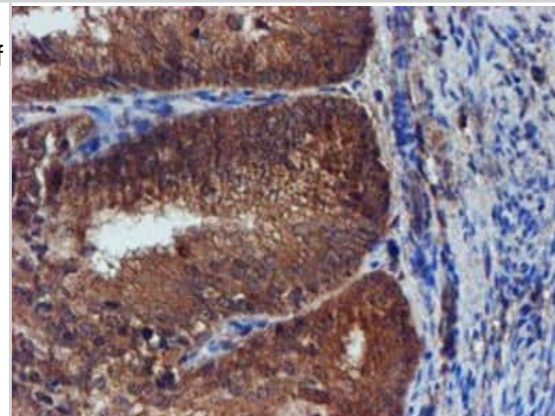
Western Blot: Iduronate 2-Sulfatase/IDS Antibody (OT11D9) [NBP2-01745] - Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Iduronate 2 sulfatase monoclonal antibody.



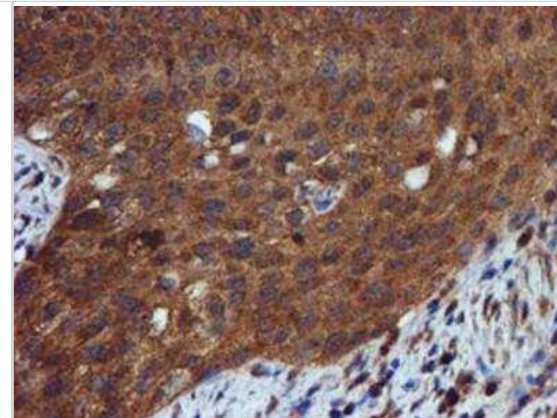
Western Blot: Iduronate 2-Sulfatase/IDS Antibody (OT11D9) [NBP2-01745] - Analysis of extracts (10ug) from Human tissues by using anti-IDS monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon).



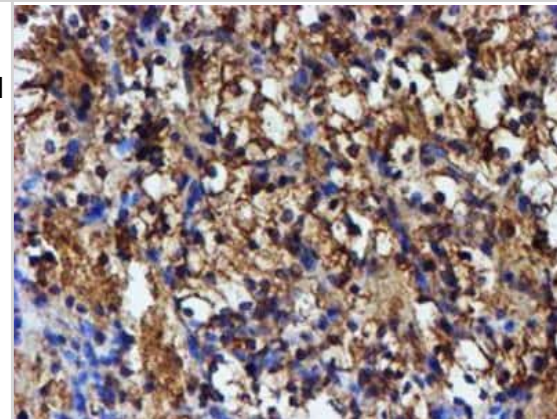
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



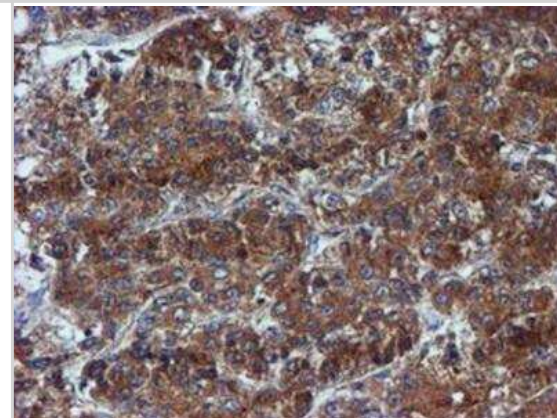
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Iduronate 2 sulfatase Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



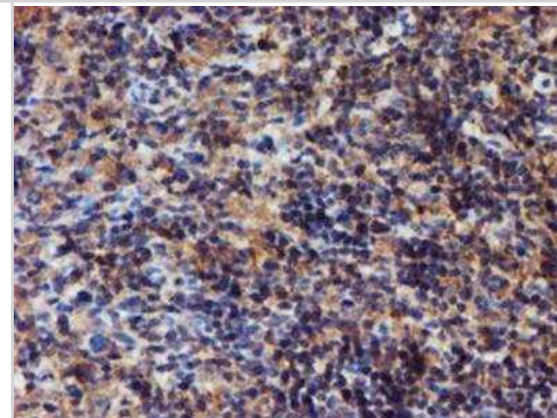
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



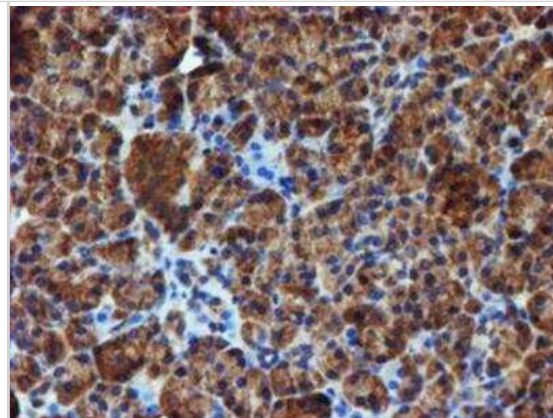
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



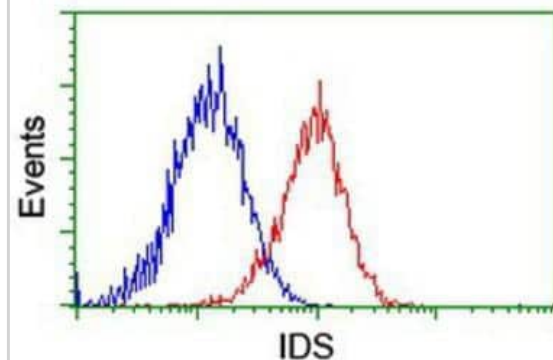
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Human lymphoma tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



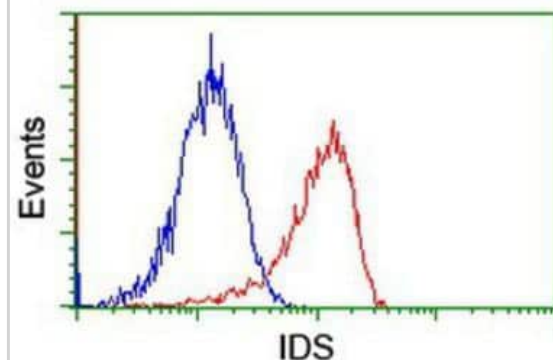
Immunohistochemistry-Paraffin: Iduronate 2-Sulfatase/IDS Antibody (1D9) [NBP2-01745] - Staining of paraffin-embedded Human pancreas tissue using anti-Iduronate 2 sulfatase mouse monoclonal antibody.



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 Rowiston, 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**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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