

IDS antibody

Product Information

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| Catalog No.: | FNab04130 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Protein A+G purification |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Mouse |
| Clonality: | monoclonal |
| Clone ID: | 2D2 |
| IsoType: | IgG1 |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

Background

Iduronate 2-sulfatase (IDS) is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations causing IDS deficiency in humans result in the lysosomal storage of these glycosaminoglycans and Hunter syndrome, an X chromosome-linked disease. IDS is synthesized as two precursor forms of 76 and 90 kDa that are converted, through a 62 kDa intermediate, to 55 and 45 kDa mature polypeptides due to an internal proteolytic cleavage (PMID: 10838181).

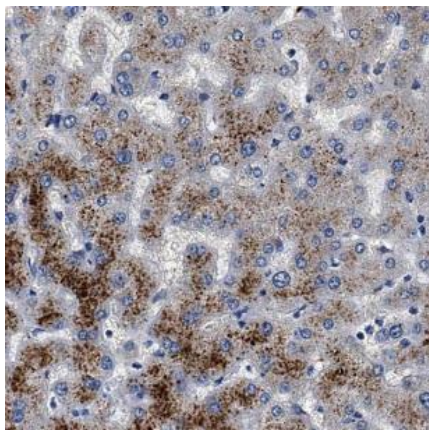
Immunogen information

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| Immunogen: | iduronate 2-sulfatase |
| Synonyms: | Iduronate 2-sulfatase Alpha-L-iduronate sulfate sulfatase (Idursulfase) Iduronate 2-sulfatase 42 kDa chain Iduronate 2-sulfatase 14 kDa chain IDS SIDS |
| Observed MW: | 76 kDa, 55 kDa |
| Uniprot ID : | P22304 |

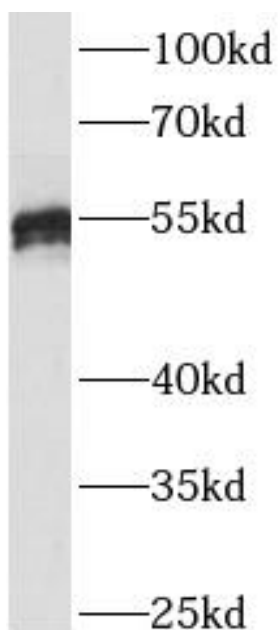
Application

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|-----------------------|---|
| Reactivity: | Human |
| Tested Application: | ELISA, WB, IHC, IF |
| Recommended dilution: | WB: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200 |

Image:



Immunohistochemistry of paraffin-embedded human liver slide using FNab04130(IDS Antibody) at dilution of 1:50



human placenta tissue were subjected to SDS PAGE followed by western blot with FNab04130(IDS antibody) at dilution of 1:500