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IDS Antibody (clone 3B4)
Mouse Monoclonal Antibody
Catalog # ALS16966

Specification

IDS Antibody (clone 3B4) - Product Information

Application	**IHC**
Primary Accession	P22304
Other Accession	3423
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgM,k**
Calculated MW	**61873**

IDS Antibody (clone 3B4) - Additional Information

Gene ID 3423

Other Names
IDS, Idursulfase, SIDS, Iduronate 2-sulfatase, MPS2

Target/Specificity
Human IDS

Reconstitution & Storage
Ascites fluid. Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
IDS Antibody (clone 3B4) is for research use only and not for use in diagnostic or therapeutic procedures.

IDS Antibody (clone 3B4) - Protein Information

Name IDS

Synonyms SIDS

Function
Lysosomal enzyme involved in the degradation pathway of dermatan sulfate and heparan sulfate.

Cellular Location
Lysosome.

Tissue Location
Liver, kidney, lung, and placenta.

Volume

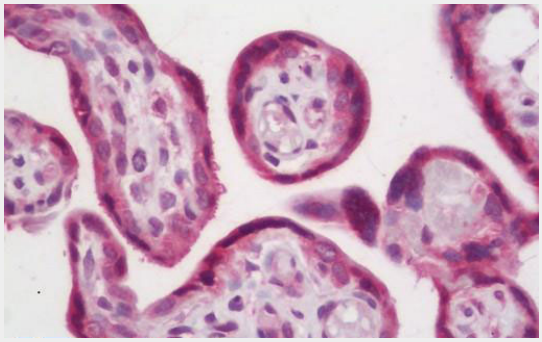
50 µl

IDS Antibody (clone 3B4) - Protocols

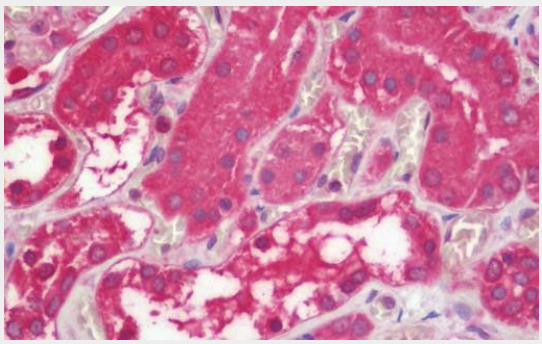
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IDS Antibody (clone 3B4) - Images



Anti-IDS antibody IHC staining of human placenta.



Anti-IDS antibody IHC staining of human kidney.

IDS Antibody (clone 3B4) - Background

Required for the lysosomal degradation of heparan sulfate and dermatan sulfate.

IDS Antibody (clone 3B4) - References

Wilson P.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:8531-8535(1990).
Wilson P.J.,et al.Genomics 17:773-775(1993).
Timms K.M.,et al.Genome Res. 5:71-78(1995).
Malmgren H.,et al.Genomics 29:291-293(1995).
Ross M.T.,et al.Nature 434:325-337(2005).

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