

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

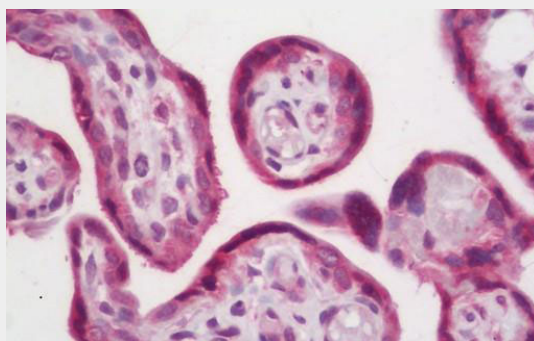
50 µl

IDS Antibody (clone 3B4) - Protocols

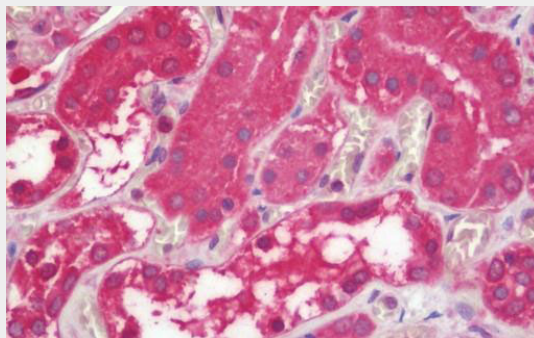
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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).

