10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IDS Antibody (clone 3B10)
Mouse Monoclonal Antibody
Catalog # ALS16451

Specification

IDS Antibody (clone 3B10) - Product Information

Application	**IF, IHC**
Primary Accession	P22304
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**62kDa KDa**

IDS Antibody (clone 3B10) - Additional Information

Gene ID 3423

Other Names
Iduronate 2-sulfatase, 3.1.6.13, Alpha-L-iduronate sulfate sulfatase, Idursulfase, Iduronate 2-sulfatase 42 kDa chain, Iduronate 2-sulfatase 14 kDa chain, IDS, SIDS

Target/Specificity
Human IDS

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
IDS Antibody (clone 3B10) is for research use only and not for use in diagnostic or therapeutic procedures.

IDS Antibody (clone 3B10) - 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

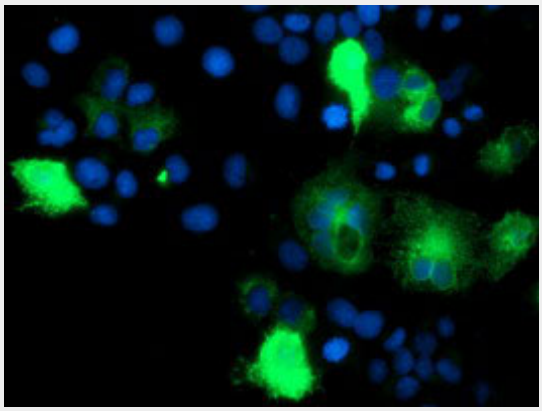
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IDS Antibody (clone 3B10) - Protocols

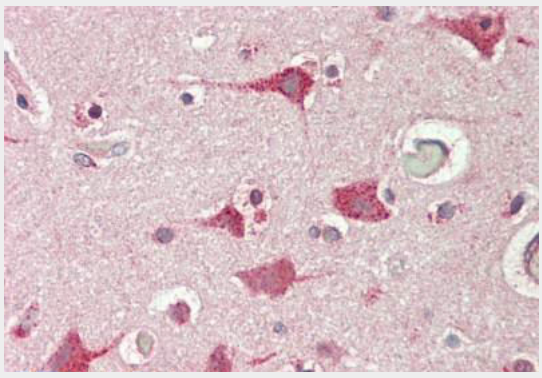
Provided below are standard protocols that you may find useful for product applications.

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

IDS Antibody (clone 3B10) - Images



Anti-IDS mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...



Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)

IDS Antibody (clone 3B10) - Background

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

IDS Antibody (clone 3B10) - 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).