

Mouse IDS Monoclonal Antibody | anti-IDS antibody

IDS antibody

CATALOG # AAA106841	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence
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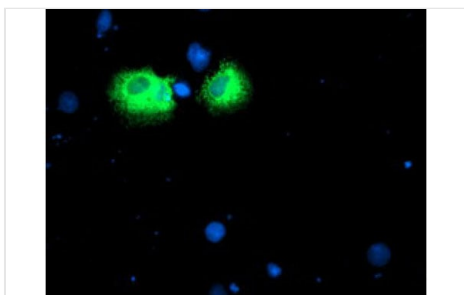
PRODUCT SYNONYMS

IDS; Monoclonal Antibody; IDS antibody; Monoclonal IDS; Anti-IDS;; anti-IDS antibody

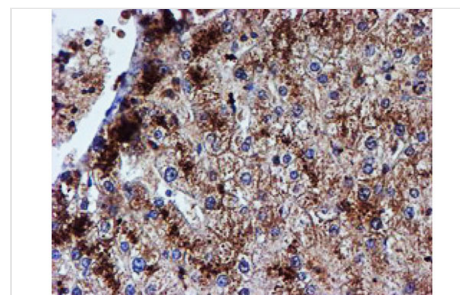
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4G2
Purity/Purification	IDS antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Applicable Applications for anti-IDS antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	Iduronate-2-sulfatase is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations in this X-chromosome gene that result in enzymatic deficiency lead to the sex-linked Mucopolysaccharidosis Type II, also known as Hunter Syndrome. Iduronate-2-sulfatase has a strong sequence similarity with human arylsulfatases A, B, and C, and human glucosamine-6-sulfatase.
Cross-Reactivity	Human, Dog, Rat, Monkey, Mouse
Immunogen	IDS antibody was raised in Mouse using full length human recombinant protein of human IDS produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

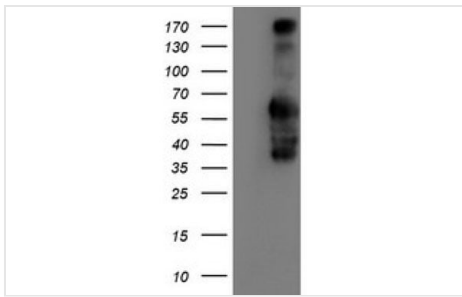
IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant IDS protein using IDS antibody

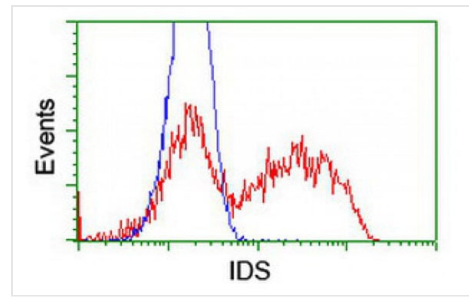

IHC (Immunohistochemisry)

Immunohistochemical analysis of IDS protein in paraffin embedded Human liver tissue using IDS antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant IDS protein (Right) or empty vector (Left) detected with IDS antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant IDS protein (red) or empty vector (blue) stained using IDS antibody

ADDITIONAL INFORMATION

Related Product Information for anti-IDS antibody	Mouse monoclonal IDS antibody
Product Categories/Family for anti-IDS antibody	Proteases ; Inhibitors ; & Enzymes

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ids-antibody-clone-4g2-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/106841>