

Human Heparan Sulfate 6-O-Sulfotransferase 2/HS6ST2 Antibody

Monoclonal Mouse IgG_{2B} Clone # 258516

Catalog Number: MAB2710

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Heparan Sulfate 6-O-Sulfotransferase 2/HS6ST2 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 258516
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Heparan Sulfate 6-O-Sulfotransferase 2/HS6ST2 Gln33-Arg459 Accession # BAB55322
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Human Heparan Sulfate 6-O-Sulfotransferase 2/HS6ST2
Immunoprecipitation	25 µg/mL	Conditioned cell culture medium spiked with Recombinant Human Heparan Sulfate 6-O-Sulfotransferase 2/HS6ST2, see our available Western blot detection antibodies

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

HS6ST2 is a key enzyme in heparan sulfate biosynthesis. It exists in two alternatively spliced forms, a long form and a short form with a 40 aa deletion. The long form is expressed in adult and fetal brain tissues, whereas the short form is expressed preferentially in ovary, placenta, and fetal kidney.