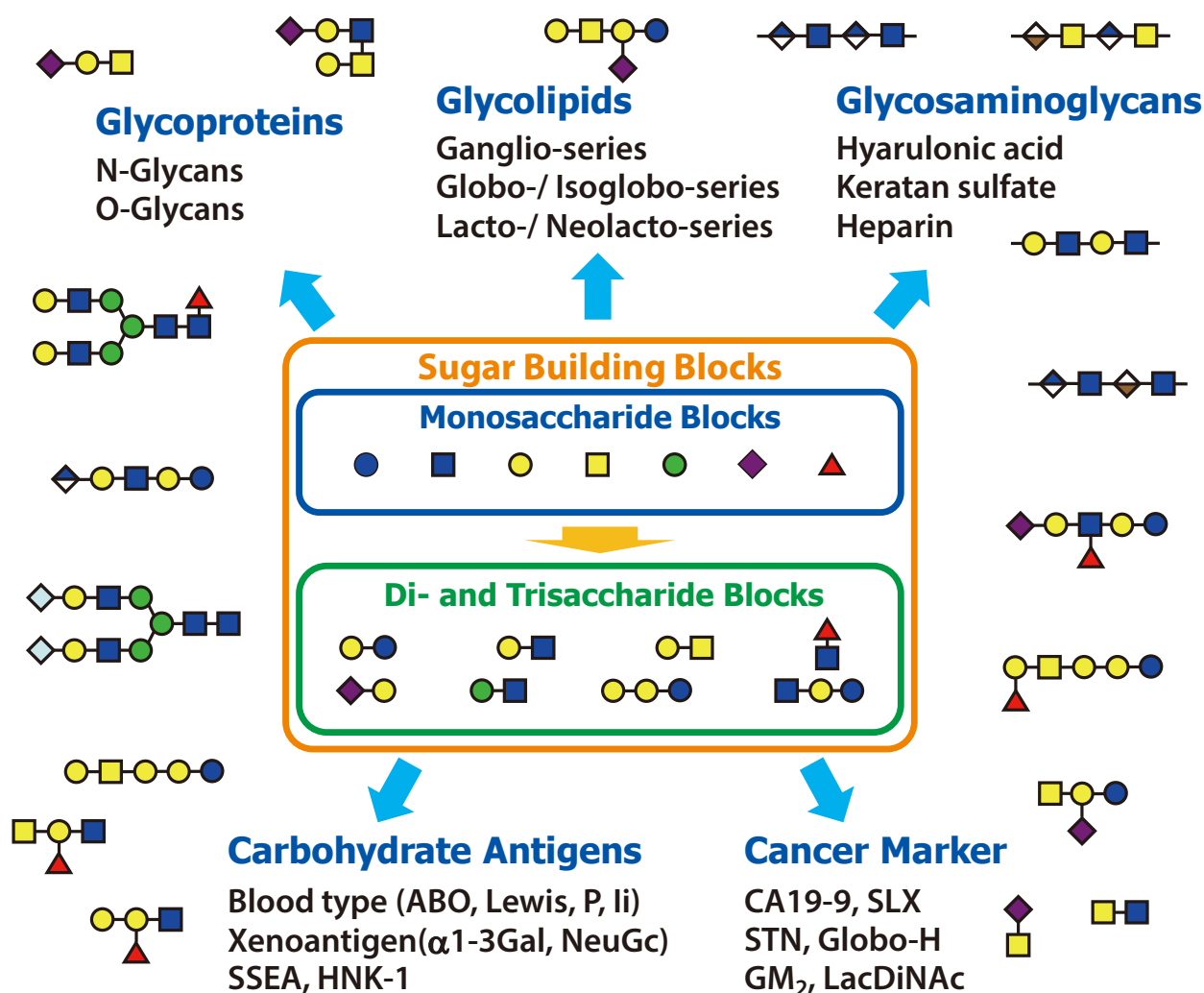
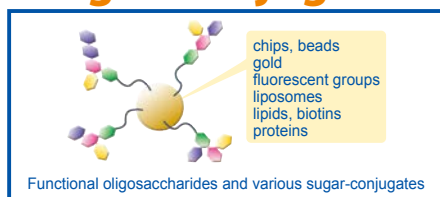


Chemically Synthesized Oligosaccharides

TCI supplies various functional oligosaccharides which play important roles such as cell-cell communication, adhesion, proliferation control and signaling. We can synthesize the oligosaccharides using various sugar building blocks which are prepared at 10 ~ 100 kg scale.



Sugar-conjugates

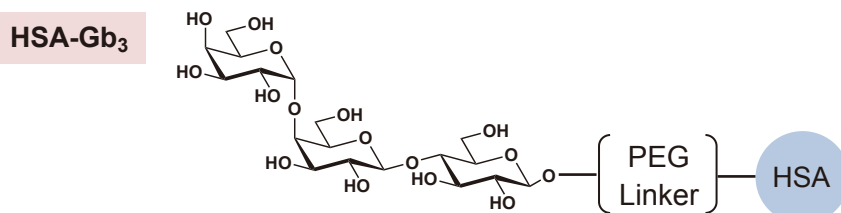


Applicable to :

Bioimaging, Bioassay, Affinity chromatography, Biosensor, Biopharmaceutical, Diagnostic medicine, DDS, ADCs, Vaccine, Inhibitor etc.

Sugar-conjugates

TCI offers carbohydrate-conjugated human serum albumin (HSA) which is manufactured using high-purity synthesized carbohydrates. Several Sugar-conjugates are available, and it is also possible to manufacture the Sugar-conjugates according to customer specifications. For more details on the products and contracts, please contact us.



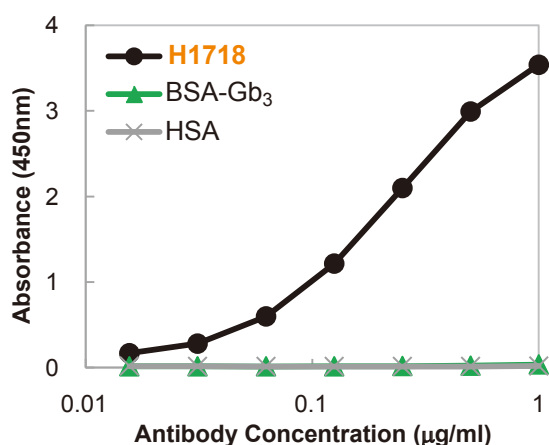
HSA-Gb₃

0.1mg [H1718]

HSA-SSEA-1

0.1mg [H1719]

HSA-Gb₃ is a useful tool for the discovery and characterization of globotriose (Gb₃)-binding substances.



Anti-Gb₃ monoclonal antibody satisfactorily reacts with HSA-Gb₃, but not with BSA conjugated to Gb₃ by reductive amination. Reductive amination eliminates the epitope by opening the pyranose ring at the reducing end. We offer closed-ring glycoconjugates using PEG linkers as useful tools for discovery and characterization of carbohydrate-binding substances.

These antigens were coated on ELISA plate and reacted with Anti-Gb₃ Monoclonal Antibody [A2506] at the appropriate time. Subsequently, the 1st antibody was detected using suitable secondary antibodies.

Related Products

Anti-Gb₃ Monoclonal Antibody

0.1mg / vial [A2506]

Anti-LewisX Monoclonal Antibody

0.1mg / vial [A2578]

Gb₃-β-ethylamine

Please contact us. [G0402]

SSEA-1-PrNH₂

Please contact us. [S0946]

For further information please refer to our website at www.TCIchemicals.com.

glycoscience

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