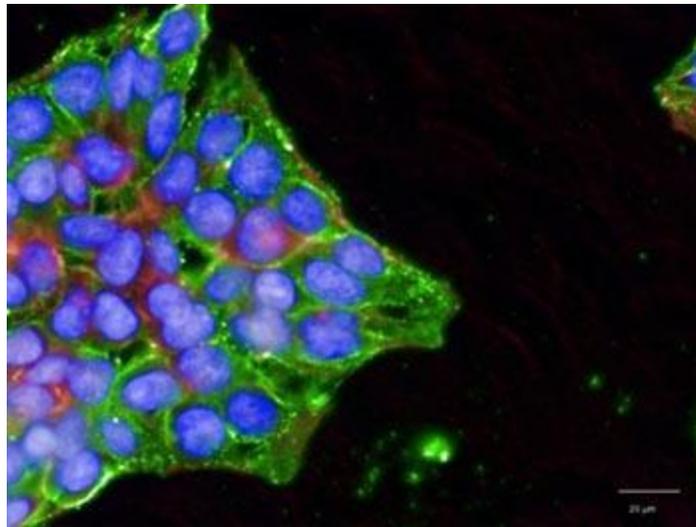


### **Heparan Sulfate antibodies accelerate Glycobiology research**

Working with leading research institutions, **Amsbio** has established itself as a premier supplier of high quality **Heparan Sulfate (HS) monoclonal antibodies** driving breakthroughs in **Glycobiology research**



**Image caption:** 3G10 antibody staining (green) for Heparan Sulfate on HUES7 cells following **Heparan Sulfate antibodies accelerate Glycobiology research**

#### **Heparan Sulfate (HS)**

is widely distributed on cell surfaces and basement membranes in mammals. It participates in important biological processes due to displaying specific interactions with many biologically active proteins. However, due to its non-immunogenic nature, developing effective antibodies against HS has long been a challenge.

#### **Amsbio**

has overcome these limitations by offering a range of hybridoma-derived anti-HS antibodies such as 10E4, 3G10, and JM403 that are valuable tools for research. The popularity of our Heparan Sulfate antibodies is because of their high sensitivity, specificity, and affinity to target antigens plus they work across many model species. All Heparan Sulfate antibodies supplied by Amsbio are rigorously validated to accurately detect and quantify cell surface Heparan Sulfate, ensuring reliable data for diverse applications from investigating viral infections to exploring cancer and immunological disorders. When preserved using CELLBANKER® cryopreservation media, cell surface HS integrity is maintained, ensuring reliable and reproducible results in downstream assays.



# amsbio

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**To provide**

an informed background on the importance of glycobiology, Amsbio has cooperated with Dr Doug Dyer, an immunology researcher at the University of Manchester, UK, to create an original blog - [https://www.amsbio.com/news/sweet\\_science](https://www.amsbio.com/news/sweet_science). In this blog, Dr Dyer discusses and illustrates with research citations, how glycobiology is increasingly being recognized as the “dark matter” of biology, with new research revealing that incorporating glycans into our understanding is redefining fundamental biological processes. At the forefront of these advances, Amsbio has established itself as a premier supplier of high-quality tools, including their flagship Heparan Sulfate monoclonal antibodies.

**For further information**

on Heparan Sulfate antibodies please visit <https://www.amsbio.com/heparan-sulfate-antibodies/> or contact Amsbio on +31-72-8080244 / +44-1235-828200 / +1-617-945-5033 / [info@amsbio.com](mailto:info@amsbio.com)

**AMS Biotechnology (Amsbio)**

Now part of the Europa Biosite group of companies, AMS Biotechnology (Amsbio) is recognized as a leading transatlantic company contributing to the acceleration of discovery through the provision of cutting-edge life science technology, products, and services for R&D in the medical, nutrition, cosmetics, and energy industries. Amsbio has in-depth expertise in extracellular matrices to provide elegant solutions for studying cell motility, migration, invasion, and proliferation. This expertise in cell culture and the ECM allows Amsbio to partner with clients in tailoring cell systems to enhance organoid and spheroid screening outcomes using a variety of 3D culture systems, including organ-on-a-chip microfluidics. For drug discovery research, Amsbio offers assays, recombinant proteins, and cell lines. Drawing upon a huge and comprehensive biorepository, Amsbio is widely recognized as a leading provider of high-quality tissue specimens (including custom procurement) from both human and animal tissues. The company provides unique clinical grade products for stem cells and cell therapy applications. This includes GMP cryopreservation technology, and high-quality solutions for viral delivery.

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