

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

Ab-10E4, ab1-hs, anti-HS, H1890, anti-heparan sulfate, anti-heparan sulfate

RRID:AB_10013601

Type: Antibody

Proper Citation

US Biological Cat# H1890, RRID:AB_10013601

Antibody Information

URL: http://antibodyregistry.org/AB_10013601

Proper Citation: US Biological Cat# H1890, RRID:AB_10013601

Target Antigen: Ab-10E4 ab1-hs anti-HS H1890 anti-heparan sulfate anti-heparan sulfate

Host Organism: mouse

Clonality: monoclonal

Comments: Suitable for use in Flow Cytometry, Immunohistochemistry, ELISA and Western Blot. Other applications have not been tested.

Antibody Name: Ab-10E4, ab1-hs, anti-HS, H1890, anti-heparan sulfate, anti-heparan sulfate

Description: This monoclonal targets Ab-10E4 ab1-hs anti-HS H1890 anti-heparan sulfate anti-heparan sulfate

Target Organism: human

Clone ID: 8.S.087

Defining Citation: [PMID:15603738](#), [PMID:20226781](#), [PMID:22326027](#), [PMID:18654627](#), [PMID:19890913](#), [PMID:21098567](#), [PMID:19605629](#), [PMID:21115608](#), [PMID:21901110](#)

Antibody ID: AB_10013601

Vendor: US Biological

Catalog Number: H1890

Record Creation Time: 20231110T081732+0000

Record Last Update: 20260829T005529+0000

Ratings and Alerts

No rating or validation information has been found for Ab-10E4, ab1-hs, anti-HS, H1890, anti-heparan sulfate, anti-heparan sulfate.

No alerts have been found for Ab-10E4, ab1-hs, anti-HS, H1890, anti-heparan sulfate, anti-heparan sulfate.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Park J, et al. (2025) Fully biologic endothelialized-tissue-engineered vascular conduits provide antithrombotic function and graft patency. *Cell stem cell*, 32(1), 137.

Fan C, et al. (2025) Targeting lysozyme 2 in endocardium promotes rapid recovery by modulating remote injury signals. *Cell stem cell*, 32(10), 1563.

Wang Q, et al. (2025) Cell surface heparan sulfate is an attachment receptor for grass carp reovirus. *iScience*, 28(3), 112033.

Arias-Rojas A, et al. (2025) Infection-induced elevation of gut glycosaminoglycans fosters microbiota expansion in *Drosophila melanogaster*. *Cell reports*, 44(12), 116598.

Cibelli A, et al. (2024) Astrocytes sense glymphatic-level shear stress through the interaction of sphingosine-1-phosphate with Piezo1. *iScience*, 27(6), 110069.

Ohkawa Y, et al. (2021) Heparan Sulfate Synthesized by Ext1 Regulates Receptor Tyrosine Kinase Signaling and Promotes Resistance to EGFR Inhibitors in GBM. *Molecular cancer research : MCR*, 19(1), 150.

Delgadillo LF, et al. (2021) Changes in endothelial glycocalyx layer protective ability after inflammatory stimulus. *American journal of physiology. Cell physiology*, 320(2), C216.

Kerever A, et al. (2021) Regulation of fractone heparan sulfate composition in young and aged subventricular zone neurogenic niches. *Glycobiology*, 31(11), 1531.

Nandadasa S, et al. (2020) Vascular dimorphism ensured by regulated proteoglycan dynamics favors rapid umbilical artery closure at birth. *eLife*, 9.

Yin Y, et al. (2018) Heparan Sulfate Proteoglycan Sulfation Regulates Uterine Differentiation and Signaling During Embryo Implantation. *Endocrinology*, 159(6), 2459.

Yamada T, et al. (2017) Heparan sulfate alterations in extracellular matrix structures and fibroblast growth factor-2 signaling impairment in the aged neurogenic niche. *Journal of neurochemistry*, 142(4), 534.