

Resource Summary Report

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Isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor 647 Conjugate

RRID:SCR_014365

Type: Tool

Proper Citation

Isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor 647 Conjugate
(RRID:SCR_014365)

Resource Information

URL: <https://www.thermofisher.com/order/catalog/product/I32450>

Proper Citation: Isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor 647 Conjugate
(RRID:SCR_014365)

Description: A conjugated form of isolectin B4 for fluorescence identification of non-peptidergic nociceptors in mouse dorsal root ganglia and spinal cord.

Keywords: isolectin, marker, fluorescence identification, glycoprotein, mouse dorsal root ganglia, mouse spinal cord

Availability: Commercial product, Pay for product, For research purposes only

Resource Name: Isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor 647 Conjugate

Resource ID: SCR_014365

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Record Creation Time: 20220129T080320+0000

Record Last Update: 20260815T182504+0000

Ratings and Alerts

No rating or validation information has been found for Isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor 647 Conjugate.

No alerts have been found for Isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor 647 Conjugate.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Wang Q, et al. (2026) Spatial transcriptomics reveals organizational properties of mouse spinal cord and alterations in neuropathic pain. bioRxiv : the preprint server for biology.

Liu H, et al. (2026) Vaginal microbiota transfer ameliorates cesarean-associated neurodevelopmental deficits in mice via N-bc2S1P synthesis on neonatal skin. Cell host & microbe, 34(5), 942.

Drekolia MK, et al. (2026) Cystine import and oxidative catabolism fuel vascular growth and repair via nutrient-responsive histone acetylation. Cell metabolism, 38(1), 115.

Noes-Holt G, et al. (2026) Recombinant dimeric PICK1 peptide inhibitors for long-term relief of chronic pain by AAV therapeutics. Cell reports. Medicine, 7(6), 102800.

Olguin AGR, et al. (2025) Cadherin 4 assembles a family of color-preferring retinal circuits that respond to light offset. Current biology : CB, 35(6), 1298.

Albisetti GW, et al. (2023) Inhibitory Kcnp2 neurons of the spinal dorsal horn control behavioral sensitivity to environmental cold. Neuron, 111(1), 92.

Meltzer S, et al. (2023) ?-Protocadherins control synapse formation and peripheral branching of touch sensory neurons. Neuron, 111(11), 1776.

Koutsoumpa C, et al. (2023) Skin-type-dependent development of murine mechanosensory neurons. Developmental cell, 58(20), 2032.

Zhang L, et al. (2023) A Frizzled4-LRP5 agonist promotes blood-retina barrier function by inducing a Norrin-like transcriptional response. iScience, 26(8), 107415.

Patil MJ, et al. (2023) A Novel Flp Reporter Mouse Shows That TRPA1 Expression Is Largely Limited to Sensory Neuron Subsets. eNeuro, 10(12).

Villarino NW, et al. (2023) Labeling PIEZO2 activity in the peripheral nervous system. Neuron, 111(16), 2488.

Vieira JR, et al. (2022) Endothelial PlexinD1 signaling instructs spinal cord vascularization and motor neuron development. Neuron, 110(24), 4074.

Rochon PL, et al. (2021) The cell adhesion molecule Sdk1 shapes assembly of a retinal circuit that detects localized edges. eLife, 10.

Kirschnick N, et al. (2021) Rapid methods for the evaluation of fluorescent reporters in tissue clearing and the segmentation of large vascular structures. *iScience*, 24(6), 102650.

Ninchoji T, et al. (2021) eNOS-induced vascular barrier disruption in retinopathy by c-Src activation and tyrosine phosphorylation of VE-cadherin. *eLife*, 10.

Penna E, et al. (2021) Development of the Neuro-Immune-Vascular Plexus in the Ventricular Zone of the Prenatal Rat Neocortex. *Cerebral cortex (New York, N.Y. : 1991)*, 31(4), 2139.

Richards M, et al. (2021) Intra-vessel heterogeneity establishes enhanced sites of macromolecular leakage downstream of laminin ?5. *Cell reports*, 35(12), 109268.

DuBreuil DM, et al. (2021) Heat But Not Mechanical Hypersensitivity Depends on Voltage-Gated CaV2.2 Calcium Channel Activity in Peripheral Axon Terminals Innervating Skin. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(36), 7546.

Smith RO, et al. (2020) Vascular permeability in retinopathy is regulated by VEGFR2 Y949 signaling to VE-cadherin. *eLife*, 9.

Zimmerman AL, et al. (2019) Distinct Modes of Presynaptic Inhibition of Cutaneous Afferents and Their Functions in Behavior. *Neuron*, 102(2), 420.