



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-human Galectin 9 [1G3] Bulk Size Ab04373-10.0-BT

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** 1G3

**Alternative Name(s) of Target:** Galectin-9; Gal-9; LGALS9; Ecalectin; Tumor antigen HOM-HD-21

**UniProt Accession Number of Target Protein:** O00182

**Published Application(s):** Blocking, functional assays, neutralization, WB, ELISA, IHC

**Published Species Reactivity:** Human, Mouse

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with a recombinant c-terminus galectin-9 (residues 191 to 355 of the galectin-9 long isoform).

**Specificity:** This antibody is specific for human Gal-9 but exhibits cross-binding of murine Gal-9.

**Application Notes:** The binding and binding specificity of the original format of this antibody to c-terminus Gal-9 were assessed via ELISA. Epitope mapping was also done using ELISA. Furthermore, this antibody was successfully used in WB and IHC assays (Barjon et al., 2012; PMID: 22805533). An scFv-CAR version of this antibody with therapeutic potential was developed and described (US20230295564A1). This antibody was successfully used to neutralize LGALS9 in a study focused on pancreatic neoplastic lesions (Quilbe et al., 2023; PMID: 38098486). This antibody was used in a T lymphocyte proliferation assay, specifically in assessing the immunomodulatory properties of extracellular vesicles (C15SEVs) derived from nasopharyngeal carcinoma and recombinant Galectin-9S. In this assay, the antibody was used to block the impact of C15SEVs and recombinant Galectin-9 on peripheral blood mononuclear cells (Lefebvre et al., 2023; PMID: 38117000).

**Antibody First Published in:** Barjon et al. A novel monoclonal antibody for detection of galectin-9 in tissue sections: application to human tissues infected by oncogenic viruses. *Infect Agent Cancer*. 2012 Jul 17;7(1):16. [PMID:22805533](#)

**Note on publication:** The original publication presents the development of monoclonal antibodies targeting galectin-9 and focuses on the development and characterization of a novel monoclonal antibody, 1G3, with a particular emphasis on its application in improving the detection and understanding of galectin-9 expression in clinical samples.

### Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:**

PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.