

### Anti-galectin 9/Gal-9 antibody [1G3] ab153673

★★★★★ [2 Abreviews](#) [8 References](#) [2 图像](#)

#### 概述

产品名称	Anti-galectin 9/Gal-9抗体[1G3]
描述	小鼠单克隆抗体[1G3] to galectin 9/Gal-9
宿主	Mouse
特异性	This antibody fails to detect endogenous natural samples in WB.
经测试应用	<b>适用于:</b> WB, IHC-P
种属反应性	<b>与反应:</b> Human
免疫原	Recombinant fragment corresponding to Human galectin 9/Gal-9 (C terminal). Recombinant fragment produced in E. coli
阳性对照	WB: HeLa transfected with galectin 9 / Gal-9 whole cell lysate IHC-P: Human normal Tonsil tissue
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 6.97% L-Arginine</p> <p>Some batches contain 6.97% L-Arginine as a stabilizing agent. For lot-specific buffer information, please contact our Scientific Support team.</p>
纯度	Protein G purified

克隆	单克隆
克隆编号	1G3
骨髓瘤	Sp2/0-Ag14
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab153673于以下的经测试应用

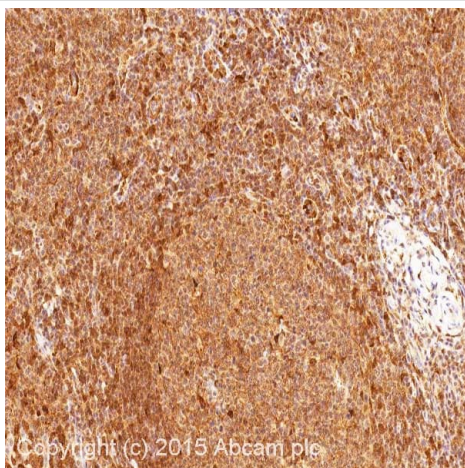
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	Binds galactosides. Has high affinity for the Forssman pentasaccharide. May play a role in thymocyte-epithelial interactions relevant to the biology of the thymus. Inhibits cell proliferation. It is a ligand for HAVCR2/TIM3. Induces T-helper type 1 lymphocyte (Th1) death. Isoform Short acts as an eosinophil chemoattractant.
组织特异性	Peripheral blood leukocytes and lymphatic tissues. Overexpressed in Hodgkin disease tissue.
序列相似性	Contains 2 galectin domains.
结构域	Contains two homologous but distinct carbohydrate-binding domains.
细胞定位	Cytoplasm. Secreted. May also be secreted by a non-classical secretory pathway.

图片

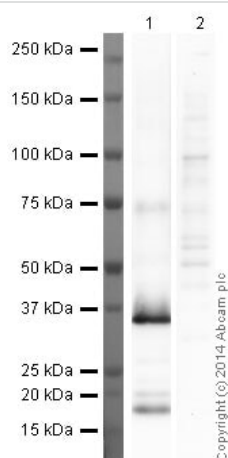


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-galectin 9/Gal-9 antibody [1G3] (ab153673)

IHC image of galectin 9/Gal-9 staining in Human normal Tonsil formalin fixed paraffin embedded tissue section\*, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab153673, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

\*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre



Western blot - Anti-galectin 9/Gal-9 antibody [1G3] (ab153673)

**All lanes :** Anti-galectin 9/Gal-9 antibody [1G3] (ab153673) at 5 µg/ml

**Lane 1 :** HeLa transfected with galectin 9 / Gal-9 whole cell lysate

**Lane 2 :** HeLa (wild type control) whole cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat anti-mouse IgG polyclonal antibody (HRP conjugated) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Additional bands at:** 18 kDa, 35 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 30 seconds

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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