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# DATASHEET

Goat Anti-Mouse IgG H&L (Janelia Fluor® 549) preadsorbed ValidAb™

## Product overview

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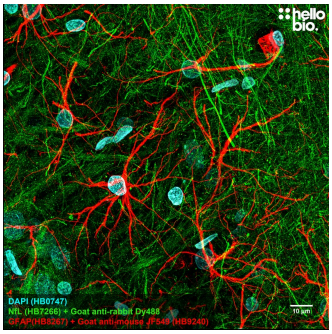
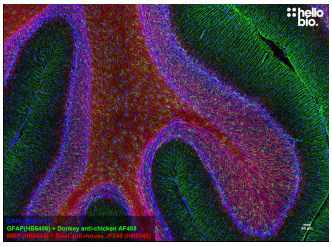
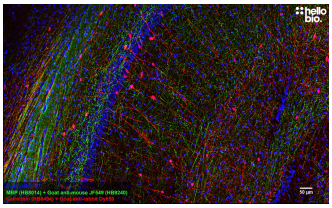
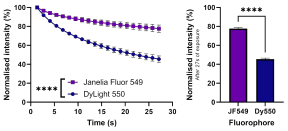
|---|---|
| **Name** | Goat Anti-Mouse IgG H&L (Janelia Fluor® 549) preadsorbed ValidAb™ |
| **Cat No** | HB9240 |
| **Host** | Goat |
| **Clonality** | Polyclonal |
| **Target** | Mouse IgG H&L |
| **Conjugate** | Janelia Fluor&reg 549 |
| **Description** | Goat Anti-Mouse IgG H&L Janelia Fluor® 549 secondary antibody. Part of the ValidAb™ range of highly validated, data-rich antibodies. |

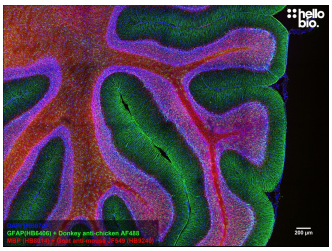
## Validation data

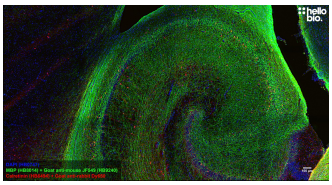


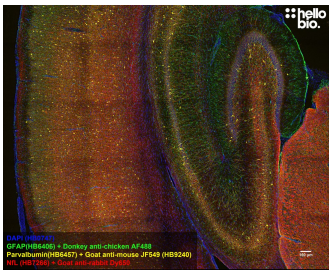



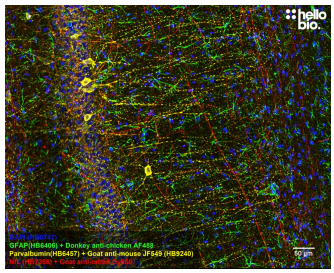


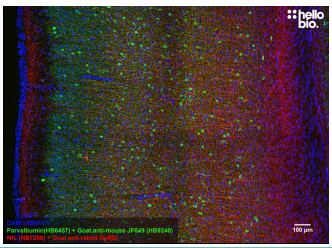










## Product information

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| **Immunogen** | Purified mouse IgG |
| **Isotype** | IgG |
| **Purification** | Immunogen affinity chromatography. Pre-adsorbed with bovine, horse, human, pig and rabbit serum |

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|---|---|
| **Immunogen** | Purified mouse IgG<br><br>proteins |
| **Concentration** | 1mg/ml |
| **Formulation** | 20% glycerol in PBS with 0.05% sodium azide and 1% recombinant albumin |

## Tested applications

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| **Applications** | FACS and flow cytometry, ICC, live cell imaging, IHC(IF) |
| **IHC(IF) optimal concentration** | 1:300 to 1:2,000 dilution (0.5 - 3.3µg/ml). Optimise dependent upon assay. A good starting point is 1:500 (2µg/ml). |
| **ICC optimal concentration** | 1:300 to 1:2,000 dilution (0.5 - 3.3µg/ml). Optimise dependent upon assay. A good starting point is 1:500 (2µg/ml). |
| **Negative control** | While this antibody has been cross-adsorbed to reduce non-specific binding it is still often worthwhile to conduct a control experiment where the primary antibody is omitted to give confidence that the staining pattern observed is specific. |

## Storage & Handling

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| **Storage instructions** | +4°C |
| **Shipping Conditions** | On ice |
| **Important** | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use |

## References


**Single-molecule localization microscopy.**

Lelek M et al (2021) Nature reviews. Methods primers 1

**PubMedID** 35663461

**Precision of tissue patterning is controlled by dynamical properties of gene regulatory networks.**

Exelby K et al (2021) Development (Cambridge, England) 148

**PubMedID** 33547135