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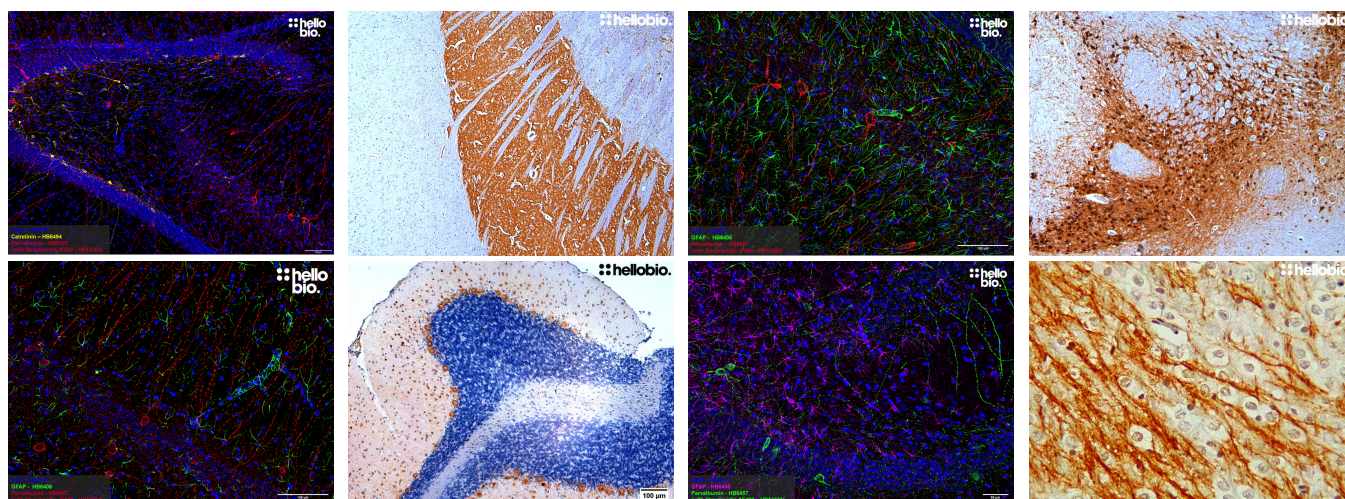
DATASHEET

Goat Anti-Mouse IgG H&L (Biotin) preadsorbed ValidAb™

Product overview

Name	Goat Anti-Mouse IgG H&L (Biotin) preadsorbed ValidAb™
Cat No	HB11345
Host	Goat
Clonality	Polyclonal
Target	Mouse IgG H&L
Conjugate	Biotin
Description	Goat Anti-Mouse IgG H&L (Biotin) preadsorbed secondary antibody. Part of the ValidAb™ range of highly validated, data-rich antibodies.

Validation data



Product information

Immunogen	Purified mouse IgG
Isotype	IgG
Purification	Immunogen affinity chromatography. Pre-adsorbed with human serum proteins
Concentration	0.5 mg/ml
Formulation	Lyophilised. When reconstituted contains PBS with 1% recombinant albumin and less than 0.1% sodium azide

Tested applications

Applications	ELISA, ICC, IHC, IHC-P, WB, IHC(IF)
Western blot optimal concentration	Tested at 1:10,000. Optimise dependent upon assay.
IHC(IF) optimal concentration	Tested at 1:250 (2 µg/ml). Optimise dependent upon assay.
IHC-P optimal concentration	Tested at 1:300 dilution. Optimise dependent upon assay.
ICC optimal concentration	Tested at 1:250 (2 µg/ml). Optimise dependent upon assay.
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

Storage instructions Reconstitution advice

-20 °C then use reconstitution advice
We recommend reconstituting with either:

- dH₂O and storing at 4 °C
- 50:50 ratio of dH₂O to glycerol and storing at -20 °C
- dH₂O then aliquot and store at -80 °C

Take care when opening as the precipitate is extremely light and can easily be lost if disturbed. When reconstituting make sure that the antibody is thoroughly dissolved by pipetting up and down before giving the antibody a brief spin at <10,000g to make sure that all material is recovered and at the bottom of the tube.

Important

For more information please see our detailed guide on [storing and using your antibody](#)
This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

References

The use of antiavidin antibody and avidin-biotin-peroxidase complex in immunoperoxidase technics.

Hsu SM et al (1981) American journal of clinical pathology 75

PubMedID [6167159](#)

Antigen Retrieval and Signal Amplification.

Dunkenberger L et al (2022) Methods in molecular biology (Clifton, N.J.) 2422

PubMedID [34859399](#)
