

## Product Datasheet

### One step Polymer HRP Goat IgG (H+L) (orb2652844)

<b>Description</b>	IBSC One-Step rabbit anti-Goat IgG (H+L); biotin/avidin free system stains membranes, cytoplasmic and nuclear antigens. It provides the user with a rapid and easy to use IHC detection system.
<b>Tested Applications</b>	ICC, IHC
<b>Storage</b>	2-8 °C, Do Not Freeze
<b>Note</b>	For research use only
<b>Application notes</b>	<p>Procedure: IHC/ICC procedure for frozen, paraffin sections and cell smears. 1. Deparaffinize and hydrate tissue sections through xylene or other clearing agents and graded alcohols.(For frozen sections or cell smears; use unfixed, acetone fixed or appropriate fixative for the antigen in question; for cell smears it may be necessary to permeabilize the cell by detergent, please refer to antibody protocol). 2. Wash 2-3 with distilled or deionized water. 3. Incubate sections/cell smear with Endoblocker (Not supplied) for 5-10 minutes at room temperature (RT). Wash with distilled water 3X. 4. Note: If antigen retriever (Trypsin AR-6541, Pronase AR-6542, Pepsin AR-6543, Citrate buffer AR-6544, Buffer w EDTA pH 8.5 AR-6545, Tris buffer pH 10 AR-6546) is required it can be applied at this step. Please refer to data sheet for the primary antibody. 5. Wash slide with PBS or Tris saline buffer (with 0.02-0.05% nonionic detergent, Triton X100, Tween 20 or NP-40) or washing buffer (Immuno Automation buffer IBSC cat # AR-6561) 3X. 6. Incubate sections/ cell smear in Protein blocking solution (Not supplied), for 5-10 minutes at RT. 7. Incubate sections/cell smear with primary antibody (NOT SUPPLIED) for 20-30 minutes at 8. Wash slide with PBS 5-7X 9. Incubate with One-Step HRP polymer (Supplied) for 20-30 minutes at RT. 10. Wash slide 5-7 times with buffer. Caution: Peroxidase reagents are destroyed by sodium azide and should be avoided in all buffers and reagents. 11. Wash slide with deionized or distilled for 2-3X. 12. Incubate with AEC or DAB chromogen reagent (Not supplied). 13. Wash 5-7X with buffer. 14. Incubate with counterstain (Not supplied). 15. Wash slide with tap water distilled water. 16. Mount slide with appropriate mounting medium.</p>
<b>Expiration Date</b>	12 months from date of receipt.

#### Biorbyt Ltd.

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

#### Biorbyt LLC.

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)