

Product Datasheet

Sheep anti-Rat IgG F(ab) Secondary Antibody NBP2-69462

Unit Size: 10 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-69462**Sheep anti-Rat IgG F(ab) Secondary Antibody**

| Product Information | |
|------------------------------------|--|
| Unit Size | 10 mg |
| Concentration | LYOPH mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | No Preservative |
| Reconstitution Instructions | Reconstitute by adding 1 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20C. |
| Purity | Ion exchange chromatography |
| Buffer | Lyophilized from PBS (pH 7.2) |

| Product Description | |
|--------------------------------|---|
| Description | The lyophilized IgG fraction is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at 4C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product. |
| Host | Sheep |
| Species | Rat |
| Reactivity Notes | Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail. |
| Specificity/Sensitivity | The antiserum is reacting with the Fab subunit of intact IgG, IgA and IgM and other Ig classes of both light chain types, with their Fab or F(ab') ₂ subunits and with free light chains of kappa and lambda type as tested in immunoelectrophoresis and double radial immunodiffusion. The presence of activity to the common Fab subunit may result in the staining of Ig bound to Fc-receptors on non-lymphoid cells. |
| Immunogen | Purified Fab from normal IgG isolated from pooled rat serum. Freund's complete adjuvant is used in the first step of the immunization procedure. |

| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Dot Blot, ELISA, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500, Immunoblotting 1:100 - 1:2000, Dot Blot 1:100-1:2000 |
| Application Notes | Indirect immunofluorescence |





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| NBP2-62014 | IgG F(ab) Antibody (RMG01) |
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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