

Product Datasheet

Sheep anti-Mouse IgG2a Secondary Antibody [FITC] NBP2-69573

Unit Size: 1 ml

Store at 4C in the dark.

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NBP2-69573

Sheep anti-Mouse IgG2a Secondary Antibody [FITC]

| Product Information | |
|------------------------------------|--|
| Unit Size | 1 ml |
| Concentration | LYOPH mg/ml |
| Storage | Store at 4C in the dark. |
| 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. |
| Conjugate | FITC |
| Purity | Ion exchange chromatography |
| Buffer | Lyophilized from PBS (pH 7.2) |
| Product Description | |
| Description | The lyophilized conjugate 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 in the dark 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 immunoconjugate. |
| Host | Sheep |
| Species | Mouse |
| Reactivity Notes | The antiserum does not cross-react with any other component of the Mouse Ig system. Inter-species crossreactivity 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; expected chance of cross-reactivity will be small. |
| Specificity/Sensitivity | The reactivity of the antiserum is directed to the subclass IgG2a as tested against mouse sera and a panel of purified homogenous immunoglobulins. It does not react with other subclasses of IgG, IgG/Fab fragments, IgM and IgA or any non-Ig protein in mouse serum, as tested by immunoelectrophoresis and double radial immunodiffusion. Further tested on the level of sensitivity of direct and indirect immunofluorescence staining methods applied to lymphoid cells. When used on vital peripheral blood cells this immunoconjugate does not react with Fc receptors present on cell surface membranes. |
| Immunogen | Highly purified normal homogenous IgG2a(1b) isolated from mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Product Application Details | |
| Applications | ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen |
| Recommended Dilutions | ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Frozen |
| Application Notes | (In)direct immunofluorescence |



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Products Related to NBP2-69573

| | |
|--------|--|
| MAB006 | Rat IgG2a Isotype Control (54447) [Unconjugated] |
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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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