

Product Datasheet

Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 680] NBP1-72880

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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Reviews: 2 Publications: 1

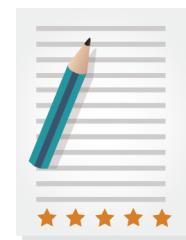
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NBP1-72880

Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 680]

| Product Information | |
|-----------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | LYOPH mg/ml |
| Storage | Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.01% Sodium Azide |
| Reconstitution Instructions | Reconstitute with 100 ul deionized water (or equivalent). |
| Isotype | IgG |
| Conjugate | DyLight 680 |
| Purity | Multi-step |
| Buffer | Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |

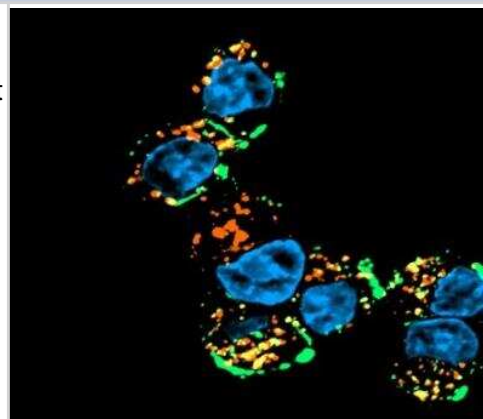
| Product Description | |
|-------------------------|--|
| Description | <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgG, Mouse IgG F(c) and Mouse Serum</p> |
| Host | Goat |
| Species | Mouse |
| Specificity/Sensitivity | No reaction was observed against Mouse IgG F(ab) This antibody will react with heavy chains of Mouse IgG. Minimal reactivity is expected against other Mouse immunoglobulins. |
| Immunogen | Goat anti-Mouse IgG Fc fragment Secondary Antibody was produced by repeated immunization with Mouse IgG F(c) fragment in goat. |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions | Western Blot 1:10000, Immunocytochemistry/ Immunofluorescence 1:5000, Fluorophore-linked immunosorbent assay 1:20000 |
| Application Notes | This product has been tested by dot blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. The emission spectra for this DyLight(TM) conjugate match the principle output wavelengths of most common fluorescence instrumentation. |

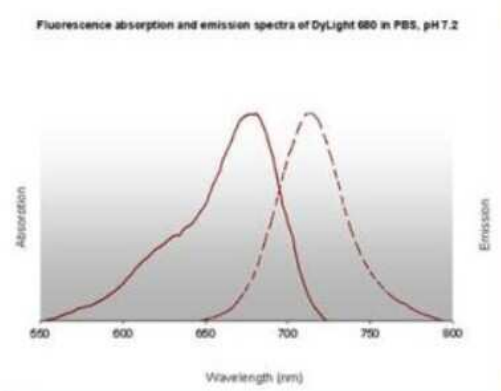


Images

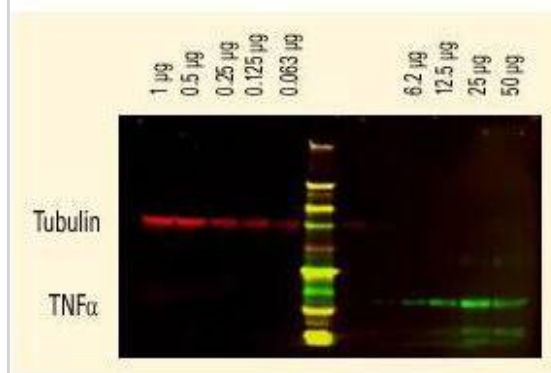
Immunocytochemistry/Immunofluorescence: Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 680] [NBP1-72880] - The cell line was stained with 488 (green) and 680 (red) secondary antibodies for 30min at RT. Image from verified customer review.



Fluorophore-linked immunosorbent assay: Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 680] [NBP1-72880] - Fluorescence absorption and emission spectra of DyLight 680 in PBS, pH 7.2.



DyLight(TM) dyes can be used for two-color Western Blot detection with low background and high signal. Anti-tubulin was detected using a DyLight(TM) 680 conjugate. Anti-TNF α was detected using a DyLight(TM) 800 conjugate. The image was captured using the Odyssey(R) Infrared Imaging System developed by LI-COR.



Publications

Yacov N, Kafri P, Salem Y et al. MOSPD2 is a therapeutic target for the treatment of CNS inflammation Clin. Exp. Immunol. 2020-04-30 [PMID: 32353176]

Details:

Citation using the DyLight 680 format of this antibody.



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Products Related to NBP1-72880

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|------------|------------------------------|
| NBP1-96784 | Mouse IgG Fc Isotype Control |
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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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