

Product Datasheet

Goat anti-Mouse IgG Fc Secondary Antibody NBP2-60664

Unit Size: 2 mg

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

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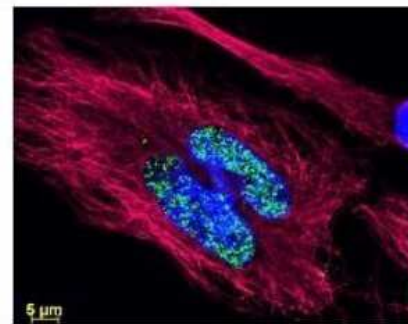


NBP2-60664**Goat anti-Mouse IgG Fc Secondary Antibody**

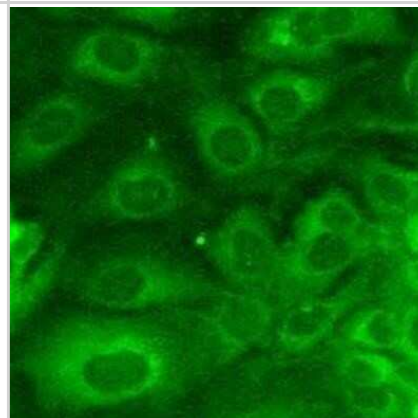
Product Information	
Unit Size	2 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgG, Mouse IgG F(c) and Mouse Serum</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
Host	Goat
Species	Mouse
Specificity/Sensitivity	No reaction was observed against Mouse IgG F(ab).
Immunogen	Goat anti-Mouse IgG Fc fragment Secondary Antibody was produced by repeated immunization with Mouse IgG F(c) fragment in goat.
Product Application Details	
Applications	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:10000, ELISA 1:20000 - 1:50000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence 1:5000, Fluorophore-linked immunosorbent assay
Application Notes	This product has been tested by ELISA, dot blot, and wester blot and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.

Images

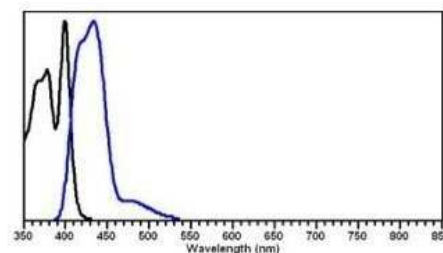
Immunocytochemistry/Immunofluorescence: Goat anti-Mouse IgG Fc Secondary Antibody [NBP2-60664] - Image from the DyLight 488 version of this antibody.



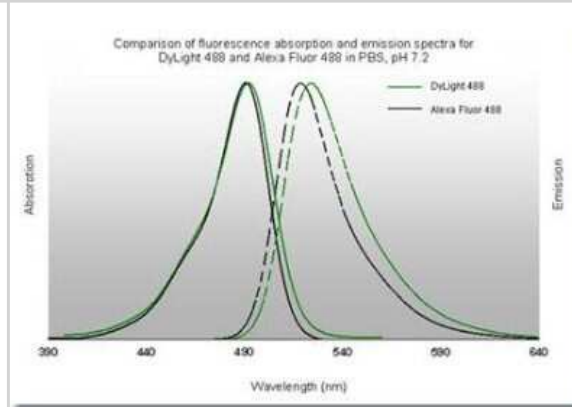
Immunocytochemistry/Immunofluorescence: Goat anti-Mouse IgG Fc Secondary Antibody [NBP2-60664] - Analysis of Vero cells. Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature. Image from verified customer review. Image using the DyLight 488 form of this antibody.



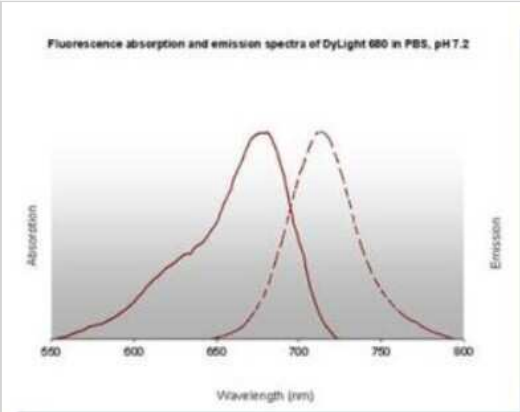
Fluorophore-linked immunosorbent assay: Goat anti-Mouse IgG Fc Secondary Antibody [NBP2-60664] - Image using the DyLight 405 form of this antibody.



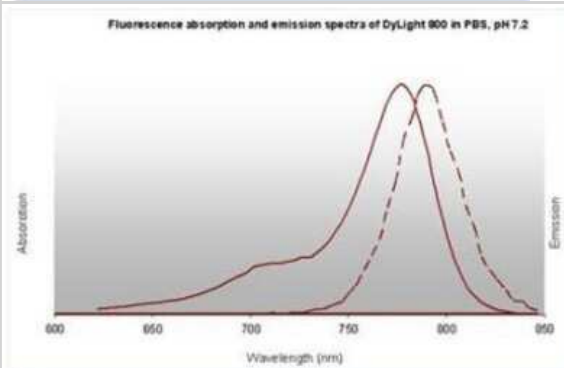
Fluorophore-linked immunosorbent assay: Goat anti-Mouse IgG Fc Secondary Antibody [NBP2-60664] - Image using the DyLight 488 form of this antibody.



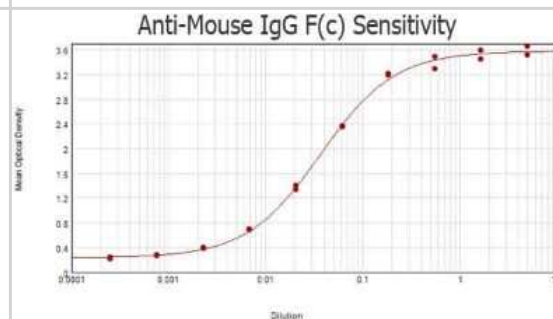
Fluorophore-linked immunosorbent assay: Goat anti-Mouse IgG Fc Secondary Antibody [NBP2-60664] - Image using the DyLight 680 form of this antibody.



Fluorophore-linked immunosorbent assay: Goat anti-Mouse IgG Fc Secondary Antibody [NBP2-60664] - Image using the DyLight 800 form of this antibody.



ELISA: Goat anti-Mouse IgG Fc Secondary Antibody [NBP2-60664] - ELISA results of Goat anti-Mouse IgG Fc Secondary antibody tested against purified Mouse IgG Fc protein. Each well was coated in duplicate with 1.0 ug of Mouse IgG Fc. The starting dilution of antibody was 5ug/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using 3% fish gelatin as blocking buffer, Donkey anti-Goat IgG Antibody Peroxidase Conjugated (Min X Ch GP Ham Hs Ms Rb & Rt Serum Proteins) and TMB substrate.



Publications

Personius KE, Siebert D, Koch DW, Udin SB. Blockage of neuromuscular glutamate receptors impairs reinnervation following nerve crush in adult mice *Frontiers in Cellular Neuroscience* 2022-09-22 [PMID: 36212695] (Immunohistochemistry)

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 NBP2-60664

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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