

Product Datasheet

Donkey anti-Goat IgG (H+L) Secondary Antibody NBP2-60656

Unit Size: 2 mg

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

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NBP2-60656**Donkey anti-Goat IgG (H+L) 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	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

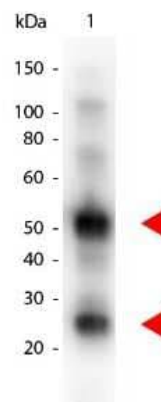
Product Description	
Description	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Goat IgG and Goat Serum. 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.
Host	Donkey
Species	Goat
Immunogen	Donkey anti-Goat IgG (H+L) Secondary Antibody was produced by repeated immunization with goat IgG whole molecule in donkey

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence, Dot Blot, Fluorophore-linked immunosorbent assay
Application Notes	This product has been tested by ELISA and western blot. This antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.

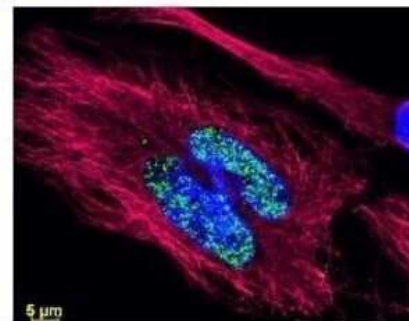


Images

Western Blot: Donkey anti-Goat IgG (H+L) Secondary Antibody [NBP2-60656] - Western Blot of Donkey anti-Goat IgG antibody. Lane 1: Goat IgG. Load: 50 ng per lane. Primary antibody: NBP2-60656 incubated overnight at 4C. Secondary antibody: Peroxidase donkey secondary antibody incubated for 30 min at RT; incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 28 and 55 kDa for Goat IgG.



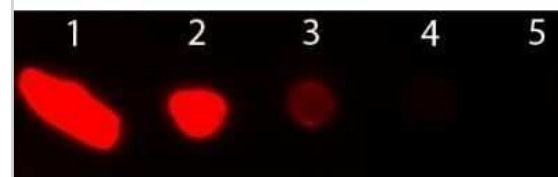
Immunocytochemistry/Immunofluorescence: Donkey anti-Goat IgG (H+L) Secondary Antibody [NBP2-60656] - Using the DyLight 488 format of this antibody.



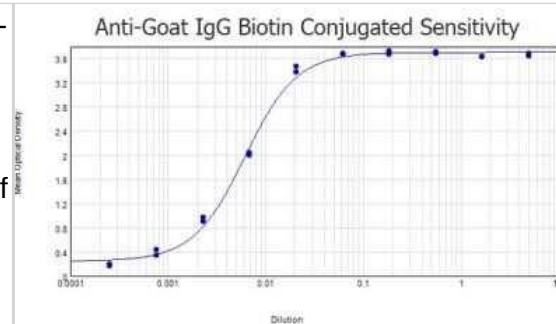
Dot Blot: Donkey anti-Goat IgG (H+L) Secondary Antibody [NBP2-60656] - Antigen: Goat IgG. Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: n/a. Secondary antibody: Donkey anti-Goat IgG Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Blocked with blocking buffer for 60 min at RT. Image from the Alkaline Phosphatase version of this antibody.



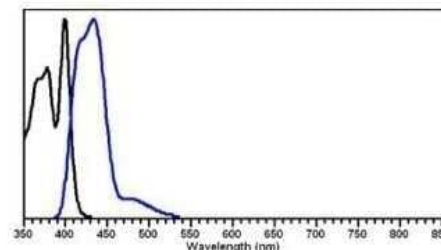
Dot Blot: Donkey anti-Goat IgG (H+L) Secondary Antibody [NBP2-60656] - Antigen: Goat IgG. Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: n/a. Secondary antibody: Donkey anti-Goat IgG Antibody Texas Red Conjugated at 1:1,000 for 60 min at RT. Blocked with blocking buffer for 60 min at RT. Image from the Texas Red version of this antibody.



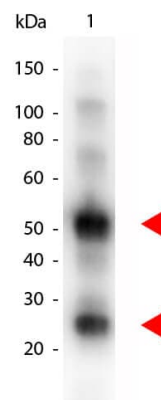
ELISA: Donkey anti-Goat IgG (H+L) Secondary Antibody [NBP2-60656] - ELISA results of purified Donkey anti-Goat IgG antibody Biotin conjugated tested against purified Goat IgG. Each well was coated in duplicate with 1.0 ug of Goat IgG. The starting dilution of antibody was 5 ug/ml and the X-axis represents 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 percent fish gelatin as blocking buffer, and TMB substrate. . Image using the Biotin format of this antibody.



Fluorophore-linked immunosorbent assay: Donkey anti-Goat IgG (H+L) Secondary Antibody [NBP2-60656] - Using the DyLight 405 format of this antibody.



Western Blot of Donkey anti-Goat IgG antibody. Lane 1: Goat IgG





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Products Related to NBP2-60656

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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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