

# Product Datasheet

## Donkey anti-Mouse IgG (H+L) Secondary Antibody NB120-6707

Unit Size: 1 mg

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

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**NB120-6707****Donkey anti-Mouse IgG (H+L) Secondary Antibody****Product Information**

<b>Unit Size</b>	1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Product Description**

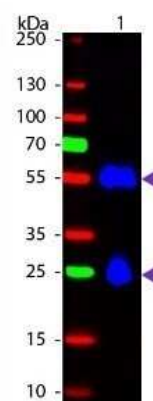
<b>Description</b>	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Mouse IgG and Mouse Serum.</p> <p>Store vial at 4C prior to opening. 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>
<b>Host</b>	Donkey
<b>Species</b>	Mouse
<b>Immunogen</b>	Mouse IgG whole molecule

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:10000, ELISA 1:50000 - 1:150000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence, Fluorophore-linked immunosorbent assay
<b>Application Notes</b>	This product has been tested by ELISA and is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

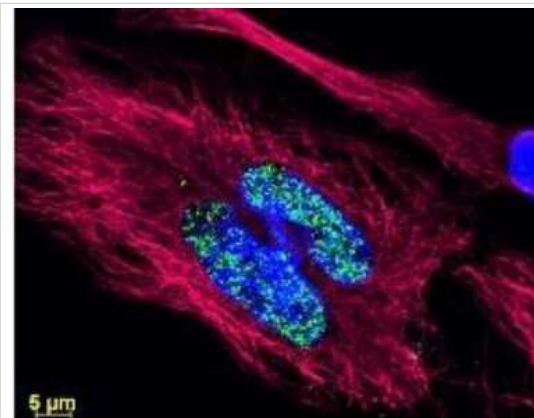
**Images**

Western Blot: Donkey anti-Mouse IgG (H+L) Secondary Antibody [NB120-6707] - Lane 1: Mouse IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Fluorescein donkey secondary antibody at 1:1,000 for 60 min at RT. Blocking: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Mouse IgG. Other band(s): None. Image using the Fluorescein form of this antibody.

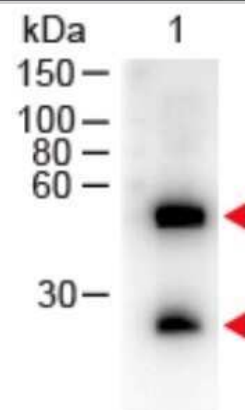


Immunocytochemistry/Immunofluorescence: Donkey anti-Mouse IgG (H+L) Secondary Antibody [NB120-6707] -

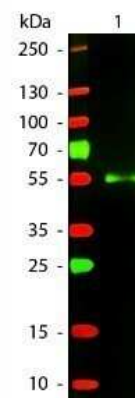
Immunocytochemistry/Immunofluorescence: Donkey anti-Mouse IgG (H+L) Secondary Antibody [DyLight 488] (Pre-absorbed) [NBP1-72930]



Western Blot: Donkey anti-Mouse IgG (H+L) Secondary Antibody [NB120-6707] - Lane 1: Mouse IgG. Lane 2: None. Load: 50 ng per lane. Primary Antibody: None. Secondary antibody: Mouse IgG (H&L) Antibody Peroxidase Conjugated at 1:1,000 for 60 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa for Mouse IgG. Other Band(s): None. Image using the HRP form of this antibody.



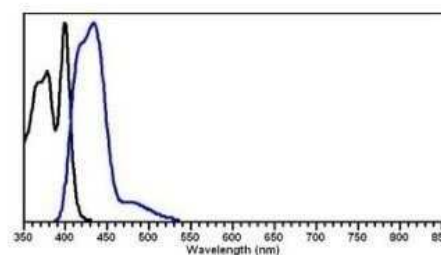
Western Blot: Donkey anti-Mouse IgG (H+L) Secondary Antibody [NB120-6707] - Lane 1: Mouse IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Texas Red donkey secondary antibody at 1:1,000 for 60 min at RT. Blocking: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Mouse IgG. Other band(s): None. Image using the Texas Red form of this antibody.



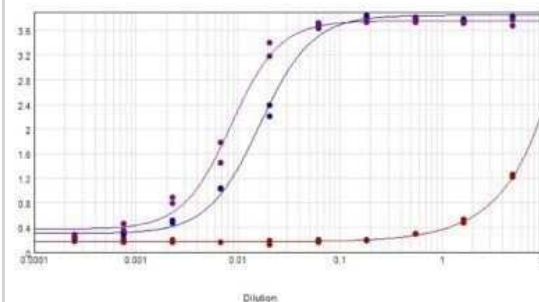
Western Blot: Donkey anti-Mouse IgG (H+L) Secondary Antibody [NB120-6707] - DyLight (R) dyes can be used for two-color western blot detection with low background and high signal. Image using the DyLight 680 form of this antibody.



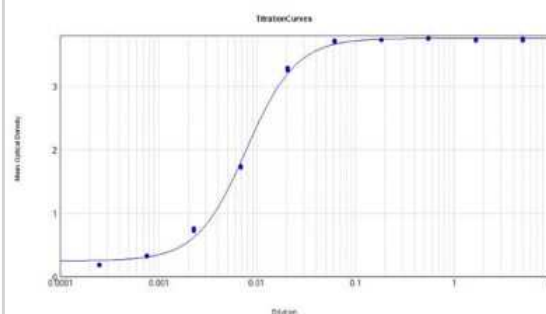
Fluorophore-linked immunosorbent assay: Donkey anti-Mouse IgG (H+L) Secondary Antibody [NB120-6707] - Using the DyLight 405 format of this antibody.



ELISA: Donkey anti-Mouse IgG (H+L) Secondary Antibody [NB120-6707] - ELISA results of purified Donkey anti-Mouse IgG (H+L) Secondary Antibody [Biotin] tested against Mouse IgG. Each well was coated in duplicate with 1.0 ug of Mouse IgG (purple line). 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 blocking buffer, Streptavidin HRP conjugate, and TMB substrate.. Using the Biotin format of this antibody.



ELISA: Donkey anti-Mouse IgG (H+L) Secondary Antibody [NB120-6707] - ELISA Results of Donkey anti-Mouse IgG (H+L) Secondary antibody tested against purified Mouse IgG. Each well was coated in duplicate with 1.0 ug of Mouse IgG. The working dilution is 1:128,000. 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 HRP Conjugation Stabilizer, Goat Anti-Donkey HRP conjugated and TMB substrate.



## Publications

Jiang D, Im HJ, Sun H et al. Radiolabeled pertuzumab for imaging of human epidermal growth factor receptor 2 expression in ovarian cancer Eur J Nucl Med Mol Imaging 2017-03-08 [PMID: 28265738] (WB)



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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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