

Product Datasheet

Goat anti-Rat IgG (H+L) Secondary Antibody NB120-6839

Unit Size: 1 mg

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

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Updated 10/23/2024 v.20.1

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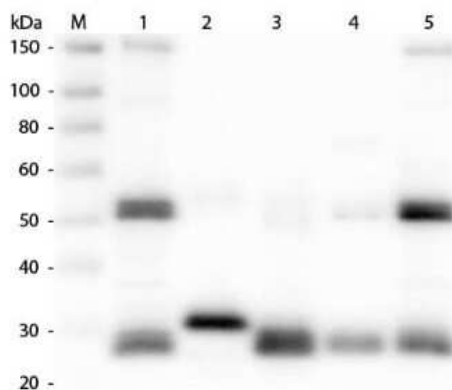


NB120-6839**Goat anti-Rat IgG (H+L) Secondary Antibody**

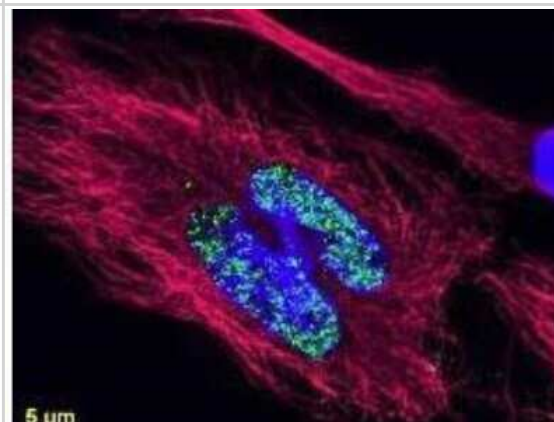
Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rat IgG and Rat 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	Goat
Species	Rat
Immunogen	Rat IgG whole molecule
Product Application Details	
Applications	Western 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, Fluorophore-linked immunosorbent assay
Application Notes	This product has been tested by ELISA and western blot and is suitable for Immunohistochemistry applications. Specific conditions for reactivity should be optimized by the end user.

Images

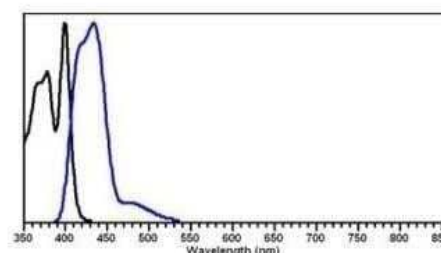
Western Blot: Goat anti-Rat IgG (H+L) Secondary Antibody [NB120-6839] - Western Blot of Goat anti-Rat IgG (H+L) Secondary antibody. Lane M: 3 ul Molecular Ladder. Lane 1: Rat IgG whole molecule. Lane 2: Rat IgG F(c) Fragment. Lane 3: Rat IgG Fab Fragment. Lane 4: Rat IgM Whole Molecule. Lane 5: Rat Serum. All samples were reduced. Load: 50 ng per lane. Block for 30 min at RT. Primary Antibody: Goat anti-Rat IgG (H+L) Secondary antibody 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in blocking buffer for 30 min at RT. Predicted/Obsevered Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.



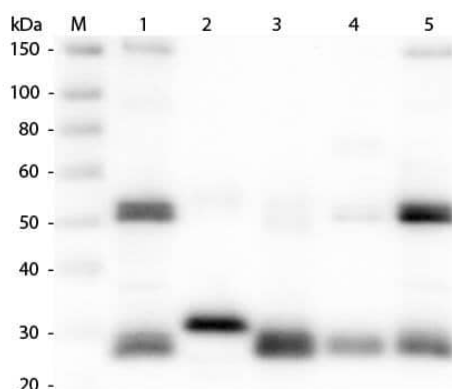
Immunocytochemistry/Immunofluorescence: Goat anti-Rat IgG (H+L) Secondary Antibody [NB120-6839] - Anti-histone detection using a DyLight 488 (R) conjugate (green). Anti-Tubulin was detected using a DyLight 549 conjugate (red). Nuclei were counter-stained using DAPI (blue). The image was captured using an Axio Imager.Z1 (Zeiss Micro Imaging Inc).



Fluorophore-linked immunosorbent assay: Goat anti-Rat IgG (H+L) Secondary Antibody [NB120-6839] - Using the DyLight 405 format of this antibody.



Western Blot of Goat anti-Rat IgG (H+L) Secondary Antibody





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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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