Product Datasheet

Rabbit anti-Rat IgG (H+L) Secondary Antibody [HRP] NB7592

Unit Size: 1 mg

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

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NB7592

| Rabbit anti-Rat IgG (H+L) Secondary Antibody [HRP] | |
|--|--|
| 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% Gentamicin Sulfate |
| Isotype | IgG |
| Conjugate | HRP |
| Purity | Multi-step |
| Buffer | 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 | 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 |
| | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat 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-Peroxidase, anti-Rabbit Serum, Rat IgG and Rat Serum. |
| Host | Rabbit |
| Species | Rat |
| Immunogen | Rat IgG whole molecule |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:1000 - 1:5000, ELISA 1:170000, Immunohistochemistry 1:500 - 1:2500 |
| Application Notes | This product has been tested by ELISA and is suitable for western blot, ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot |



NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).

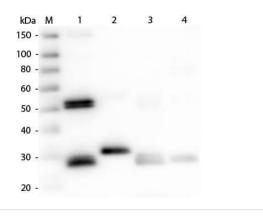
consistency.

Images

Western Blot: Rabbit anti-Rat IgG (H+L) Secondary Antibody [HRP] [NB7592] - Western Blot of Rabbit anti-Rat IgG (H+L) Secondary antibody [HRP]. 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. All samples were reduced. Load: 50 ng per Iane. Block for 30 min at RT. Primary Antibody: Rabbit anti-Rat IgG (H+L) Secondary antibody [HRP] 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in blocking buffer for 30 min at RT. Predicted/Observed Size: 25 and 55 kDa for Rat IgG, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.

kDa M 1 2 3 4 150 -100 -80 -60 -50 -40 -

Western Blot of Rabbit anti-Rat IgG (H+L) Secondary Antibody [HRP]



Publications

Lee J, Marrero L, Yu L et al. SDF-1 alpha/CXCR4 signaling mediates digit tip regeneration promoted by BMP-2 Dev Biol 2013-08-07 [PMID: 23916851] (WB)

Tripodi AAP, Randelovic I, Biri-Kovacs B et al. In Vivo Tumor Growth Inhibition and Antiangiogenic Effect of Cyclic NGR Peptide-Daunorubicin Conjugates Developed for Targeted Drug Delivery Pathol Oncol Res 2019-12-11 [PMID: 31820302]





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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