

Product Datasheet

Biotin (Vitamin B7 or Vitamin H) Antibody (BTN/403) NBP3-13904-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-13904-100ug

Biotin (Vitamin B7 or Vitamin H) Antibody (BTN/403)

| Product Information | |
|---------------------|--------------------------|
| Unit Size | 100 ug |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | BTN/403 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |

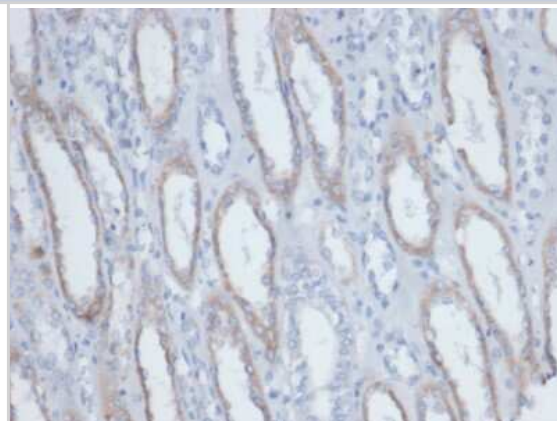
| Product Description | |
|-------------------------|---|
| Description | <p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-14087)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.</p> |
| Host | Mouse |
| Species | Non-species specific |
| Specificity/Sensitivity | It recognizes both the free and protein-conjugated (either soluble or cell bound) form of biotin. This monoclonal antibody is highly specific to biotin and shows no cross-reaction with other structurally related compounds. It has a very high affinity for biotin and is excellent for use in various amplification techniques. In some applications, localization of biotinylated probes with avidin produces unacceptably high background staining. Anti-biotin antibody may be substituted to decrease this noise. |
| Immunogen | Biotinylated sheep immunoglobulin |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, In-situ Hybridization |
| Recommended Dilutions | Western Blot 0.5-2 ug/ml, Flow Cytometry 0.5-1 ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1 ug/ml, Immunohistochemistry-Paraffin 0.5-1 ug/ml, In-situ Hybridization |
| Application Notes | <p>Confocal Microscopy</p> <p>Immunohistochemistry (Formalin-fixed): 0.5-1ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes</p> <p>In situ Nucleic Acid Hybridization</p> |



Images

Immunohistochemistry-Paraffin: Biotin (Vitamin B7 or Vitamin H) Antibody (BTN/403) [NBP3-13904] - Formalin-fixed, paraffin-embedded human kidney. Endogenous biotin stained with Biotin (Vitamin B7 or Vitamin H) antibody (BTN/403).





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Products Related to NBP3-13904-100ug

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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