

Product Datasheet

Cyclin D1 Antibody (rCCND1/4752) NBP3-07207-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07207-100ug

Cyclin D1 Antibody (rCCND1/4752)

| Product Information | |
|-------------------------|--------------------------|
| Unit Size | 100 ug |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | rCCND1/4752 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2a Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 36 kDa |

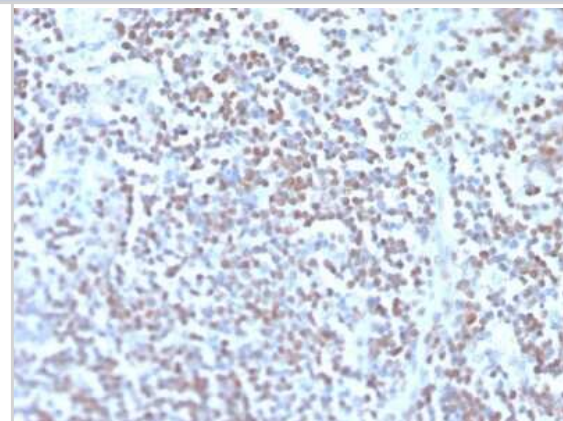
| Product Description | |
|-------------------------|--|
| Description | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08953) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. |
| Host | Mouse |
| Gene ID | 595 |
| Gene Symbol | CCND1 |
| Species | Human |
| Marker | G1-Cyclin & Mantle Cell Lymphoma Marker |
| Specificity/Sensitivity | Recognizes a protein of 36kDa, identified as cyclin D1. Cyclin D1, one of the key cell cycle regulators, is a putative proto-oncogene overexpressed in a wide variety of human neoplasms. This antibody neutralizes the activity of cyclin D1 in vivo. About 60% of mantle cell lymphomas (MCL) contain a t(11; 14)(q13; q32) translocation resulting in over-expression of cyclin D1. This antibody is useful in identifying mantle cell lymphomas (cyclin D1 positive) from CLL/SLL and follicular lymphomas (cyclin D1 negative). Occasionally, hairy cell leukemia and plasma cell myeloma weakly express Cyclin D1. |
| Immunogen | Synthetic peptide corresponding to residues within aa 200-295 of Cyclin D1 (Uniprot: P24385) |

| Product Application Details | |
|-----------------------------|---|
| Applications | Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry-Paraffin 1-2 ug/ml |
| Application Notes | Immunohistochemistry (Formalin-fixed): 1-2ug/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. Optimal dilution for a specific application should be determined. |



Images

Immunohistochemistry-Paraffin: Cyclin D1 Antibody (rCCND1/4752) [NBP3-07207] - Formalin-fixed, paraffin-embedded human mantle cell lymphoma stained Cyclin D1 Recombinant Mouse Monoclonal Antibody (rCCND1/4752).





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Products Related to NBP3-07207-100ug

| | |
|--------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK) |
| H00000595-P01-10ug | Recombinant Human Cyclin D1 GST (N-Term) Protein |

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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