

# Melanoma antibody [PNL2]

#### Cat. No. GTX12502

| Host         | Mouse      |
|--------------|------------|
| Clonality    | Monoclonal |
| Isotype      | lgG1       |
| Applications | IHC-P      |
| Reactivity   | Human      |

Package 250 μl

### Applications

#### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution   | Recommended dilution |  |
|--|----------------------|--|
| IHC-P  | 1:50-1:200           |  |
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Not tested in other applications.

#### Product Note

This antibody may be most useful because of its high sensitivity for metastatic melanoma (87%), as opposed to 76% for anti-HMB45 and 82% for anti- MART-1. Anti-PNL2 labels intra-epidermal nevi while the dermal component of compound nevi are largely non-reactive with anti-PNL2. Antibodies against PNL2, MART-1 (Melan A) and HMB45 stain most clear cell sarcoma cells and a few cells in angio-myolipomas and lymphangioleiomyomatosis. Anti-PNL2 is a useful antibody for the identification of melanomas and clear cell sarcomas. Differential diagnosis is aided by the results from a panel of antibodies, including antibodies against HMB45, MART-1, tyrosinase, and MiTF.

| Properties    |   |
|---------------|---|
| Form          | Liquid  |
| Buffer        | PBS   |
| Preservative  | 0.09% Sodium azide  |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. |
| Concentration | Batch dependent (Please refer to the vial label for the specific concentration.)        |
| Immunogen     | Synthetic peptide   |
| Purification  | Purified IgG  |
| Conjugation   | Unconjugated  |



For full product information, images and publications, please visit our <u>website</u>.

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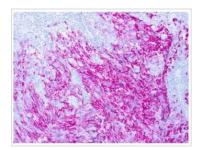


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#### Note

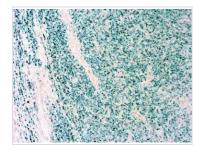
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## DATA IMAGES



#### GTX12502 IHC-P Image

IHC-P analysis of human melanoma tissue using GTX12502 Melanoma antibody [PNL2].



#### GTX12502 IHC-P Image

IHC-P analysis of human melanoma tissue using GTX12502 Melanoma antibody [PNL2] with GTX03614 10X Rapid Histo-Sealer.



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