

Datasheet for ABIN2626951  
**anti-Melanoma gp100 antibody (AA 25-467)**



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## Overview

|                      |                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                  |
| Target:              | Melanoma gp100 (PMEL)                                                                   |
| Binding Specificity: | AA 25-467                                                                               |
| Reactivity:          | Human                                                                                   |
| Host:                | Mouse                                                                                   |
| Clonality:           | Monoclonal                                                                              |
| Conjugate:           | This Melanoma gp100 antibody is un-conjugated                                           |
| Application:         | Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                                                                                      |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Human recombinant protein fragment corresponding to amino acids 25-467 of human PMEL (NP_008859) produced in SF9 cell.<br><br>Type of Immunogen: Recombinant protein |
| Clone:        | 4D12                                                                                                                                                                 |
| Isotype:      | IgG2b                                                                                                                                                                |
| Specificity:  | Human PMEL / SILV / gp100                                                                                                                                            |
| Purification: | Immunoaffinity purified                                                                                                                                              |

## Target Details

|         |                       |
|---------|-----------------------|
| Target: | Melanoma gp100 (PMEL) |
|---------|-----------------------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | PMEL / SILV / Gp100 ( <a href="#">PMEL Products</a> )                                                                                                                                                                                                                                                                                                                                        |
| Background:       | <p>Name/Gene ID: PMEL</p> <p>Synonyms: PMEL, gp100, Melanocyte protein PMEL, Me20m/me20s, p100, PMEL17, Premelanosome protein, SIL, Silver homolog (mouse), Silver, mouse, homolog of, Silver locus protein homolog, ME20-M, Me20-m/me20-s, ME20M, Melanocyte protein mel 17, Melanocyte protein Pmel 17, Silver (mouse homolog) like, D12S53E, ME20, Melanosomal matrix protein17, SILV</p> |
| Gene ID:          | 6490                                                                                                                                                                                                                                                                                                                                                                                         |
| NCBI Accession:   | <a href="#">NP_008859</a>                                                                                                                                                                                                                                                                                                                                                                    |

## Application Details

|                    |                                   |
|--------------------|-----------------------------------|
| Application Notes: | Approved: IHC, IHC-P (1:150)      |
| Comment:           | Target Species of Antibody: Human |
| Restrictions:      | For Research Use only             |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | PBS, pH 7.3, 1 % BSA, 50 % glycerol, 0.02 % sodium azide                                                               |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Minimize freezing and thawing.                                                                                         |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20°C. Avoid freeze-thaw cycles.                                                                              |