

# Product Datasheet

## Melanoma HMB45 + MART1 + Tyrosinase Antibody (SC56-02) NBP2-67589

Unit Size: 100 ul

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

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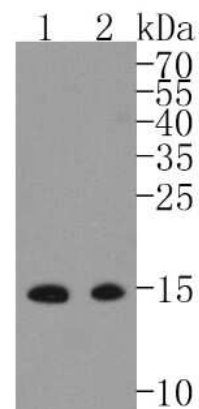
**NBP2-67589**

Melanoma HMB45 + MART1 + Tyrosinase Antibody (SC56-02)

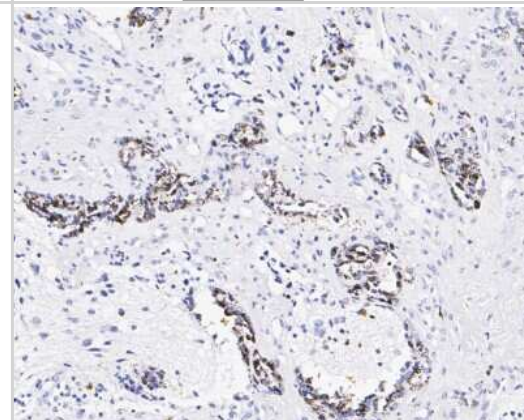
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SC56-02
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Melanoma HMB45 + MART1 + Tyrosinase Antibody (SC56-02) (NBP2-67589) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2315
<b>Gene Symbol</b>	MLANA
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide within Human Melanoma HMB45 + MART1 + Tyrosinase aa 2-43 / 118. (SwissProt: Q16655 Human)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:200

## Images

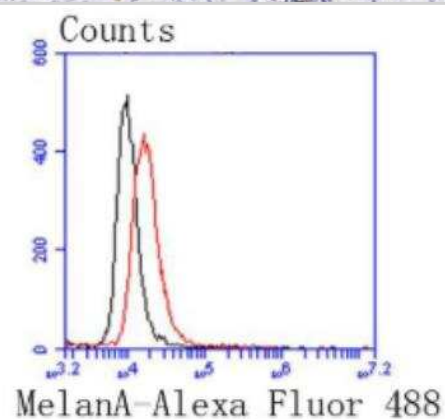
**Western Blot: Melanoma HMB45 + MART1 + Tyrosinase Antibody (SC56-02) [NBP2-67589]** - Western blot analysis of Melanoma HMB45 + MART1 + Tyrosinase on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature.



**Immunohistochemistry-Paraffin: Melanoma HMB45 + MART1 + Tyrosinase Antibody (SC56-02) [NBP2-67589]** - Immunohistochemical analysis of paraffin-embedded human melanoma tissue using anti-Melanoma HMB45 + MART1 + Tyrosinase antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (ET1610-47, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



**Flow Cytometry: Melanoma HMB45 + MART1 + Tyrosinase Antibody (SC56-02) [NBP2-67589]** - Analysis of B16-F1 cells with MelanA antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





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### **Products Related to NBP2-67589**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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