

Anti-SP-100 Antibody

Catalog Number: A02051

About SP100

Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to the formation of stage II melanosomes.

Toshihiko Hoashi, J. Biol. Chem., Apr 2005; 280: 14006 - 14016.

Maria P. Bettinotti, J. Immunol., Jul 1998; 161: 877.

P. J. Frost, J. Immunol., Mar 2001; 166: 3564.

Flora Wang, Clin. Cancer Res., Oct 1999; 5: 2756.

Overview

Product Name	Anti-SP-100 Antibody
Reactive Species	Human
Description	Boster Bio Anti-SP-100 Antibody catalog # A02051. Tested in ELISA, IHC, WB applications. This antibody reacts with Human.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P23497

Technical Details

Immunogen	Synthesized peptide derived from human SP-100
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:40000

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