

Anti-PMEL17(Melanocyte protein Pmel 17) Polyclonal Antibody

Cat. #: 60B772

Description:

PMEL17(Melanocyte protein Pmel 17) could be a melanogenic enzyme. PMEL17 could represent an oncofetal self-antigen that is normally expressed at low levels in quiescent adult melanocytes but overexpressed by proliferating neonatal melanocytes and during tumor growth. Release of the soluble form, ME20-S, could protect tumor cells from antibody mediated immunity. There is also a secreted soluble form, ME20-S, probably product of proteolytic cleavage.

PMEL17 is preferentially expressed in melanomas. Some expression was found in dysplastic nevi. Not found in normal tissues nor in carcinomas.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human PMEL17 (Melanocyte protein Pmel 17 precursor)

References

- Kwon,B.S., et al, Proc. Natl. Acad. Sci. U.S.A. 88 (20), 9228-9232 (1991)
Adema,G.J., et al, J. Biol. Chem. 269 (31), 20126-20133 (1994)
Kawakami,Y., et al, Proc. Natl. Acad. Sci. U.S.A. 91 (14), 6458-6462 (1994)
Bailin,T., et al, J. Invest. Dermatol. 106 (1), 24-27 (1996)
Maresh,G.A., et al, DNA Cell Biol. 13 (2), 87-95 (1994)
Kim,K.K., et al, Pigment Cell Res. 9 (1), 42-48 (1996)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)