A5384SP

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

PMEL Rabbit pAb

Catalog No.: A5384SP 1 Publications

Basic Information

Observed MW
100 kDa

Calculated MW
60-70 kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human

Background

This gene encodes a melanocyte-specific type I transmembrane glycoprotein. The encoded protein is enriched in melanosomes, which are the melanin-producing organelles in melanocytes, and plays an essential role in the structural organization of premelanosomes. This protein is involved in generating internal matrix fibers that define the transition from Stage I to Stage II melanosomes. This protein undergoes a complex pattern of prosttranslational processing and modification that is essential to the proper functioning of the protein. A secreted form of this protein that is released by proteolytic ectodomain shedding may be used as a melanoma-specific serum marker. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:1000 - 1:2000
IF/ICC	1:100 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000) , a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

www.abclonal.com

Immunogen Information

Gene ID
6490

Swiss Prot
P40967

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
P1; SI; SIL; ME20; P100; SILV; HMB45; ME20M; gp100; HMB-45; ME20-M; PMEL17; D12S53E

Product Information

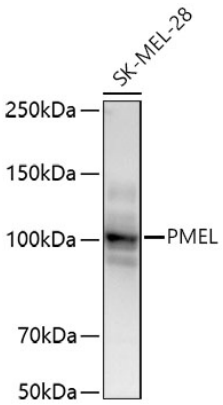
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from SK-MEL-28 cells using PMEL Rabbit pAb (A5384SP) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90 s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.