

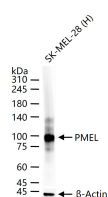
bsm-61122R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

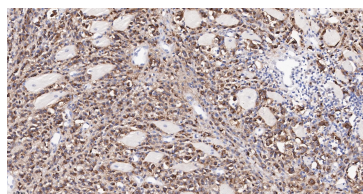
sales@bioss.com.cn

techsupport@bioss.com.cn

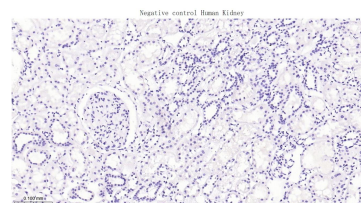
400-901-9800

PMEL Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 11E7**GeneID:** 6490**SWISS:** P40967**Target:** PMEL**Immunogen:** A synthesized peptide derived from human PMEL: 600-661/661.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Plays a central role in the biogenesis of melanosomes. Involved in the maturation of melanosomes from stage I to II. The transition from stage I melanosomes to stage II melanosomes involves an elongation of the vesicle, and the appearance within of distinct fibrillar structures. Release of the soluble form, ME20-S, could protect tumor cells from antibody mediated immunity.**Applications:** WB (1:500-2000)**IHC-P** (1:200-800)**IHC-F** (1:200-800)**IF** (1:200-800)**Reactivity:** Human**Predicted
MW.:** 70 kDa**Observed
MW.:** 100 kDa**Subcellular
Location:** Secreted ,Extracellular
matrix**VALIDATION IMAGES**

25 ug total protein per lane of various lysates (see on figure) probed with PMEL monoclonal antibody, unconjugated (bsm-61122R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human melanoma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PMEL Monoclonal Antibody, Unconjugated(bsm-61122R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



(Negative control) Paraformaldehyde-fixed, paraffin embedded Human kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PMEL Monoclonal Antibody, Unconjugated(bsm-61122R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=14.1]** Yushan Zhang. et al. Heat Stress Modulates WDR5-Mediated H3K4me3 Modification to Induce Melanogenesis via Activating CX3CL1/CX3CR1 Axis. ADV SCI. 2025 Nov;;e10164 IF ;Human. 41267387