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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07296 - Goat Anti-Silver homologue / Pmel 17 (C-terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: silver homologue (mouse), PMEL17, SILV, D12S53E, ME20, SI, SIL, gp100, Melanocyte protein mel 17, Pmel 17, Silver, mouse, homologue of, silver (mouse homologue) like, silver (mouse homologue)-like, silver homologue

Official Symbol: PMEL

Accession Number(s): NP_008859.1

Human GeneID(s): [6490](#)

Non-Human GeneID(s): 20431 (mouse), 362818 (rat)

Immunogen

Peptide with sequence CPIGENSPLLGGQQ, from the C Terminus of the protein sequence according to NP_008859.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 26kDa band observed in Human Skin lysates, corresponding to the M-beta fragment of the precursor protein (Leonhardt et al, Mol Biol Cell. 2013 Apr;24(7):964-81.PMID: 23389629). Calculated MW of 70.3kDa according to NP_008859.1. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific Reference

This antibody has been successfully used in Western blot on Zebrafish:

Liu C, Yan W, Zhou B, Guo Y, Liu H, Yu H, Giesy JP, Wang J, Li G, Zhang X.

Characterization of a bystander effect induced by the endocrine-disrupting chemical 6-propyl-2-thiouracil in zebrafish embryos.

Aquat Toxicol. 2012 Aug 15;118-119:108-15.

PMID: 22542736

EB07296 (1µg/ml) staining of Human Skin lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.