

Melanoma gp100 Rabbit pAb

db8679

Package : 20µL 50µL 100µL

Product Name : Melanoma gp100 Rabbit pAb**Cat.No.:** db8679**Synonyms** : P1; SI; SIL; ME20; P100; SILV; ME20M; gp100; ME20-M; PMEL17; D12S53E**Application** : WB, IHC**Reactivity** : Human**Host species** : Rabbit**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 posttranslational 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. [provided by RefSeq, Jan 2011]

Immunogen

A synthetic peptide of human Melanoma gp100

Gene ID

6490

Swiss Prot

P40967

Synonyms

P1; SI; SIL; ME20; P100; SILV; ME20M; gp100; ME20-M; PMEL17; D12S53E

Reactivity

Human

Application

WB, IHC

Recommended dilutionWB: 1:1000
IHC: 1:200-1:500**Calculated MW**

70 kDa

Observed MW

100 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.