

Product datasheet

anti-Pmel17/gp100 mouse monoclonal, EBS-O-147, purified

Short overview

Cat. No.	691666
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b kappa
Clone	EBS-O-147
Immunogen	Fresh metastatic melanotic melanoma cell membranes
Formulation	PBS with 0.02% sodium azide
UniprotID	P40967 (Human)
Synonym	Melanocyte protein PMEL, ME20-M, ME20M, Melanocyte protein Pmel 17, Melanocytes lineage-specific antigen GP100, Melanoma-associated ME20 antigen, P1, P100, Premelanosome protein, Silver locus protein homolog [Cleaved into: M-alpha, 95 kDa melanocyte-specific secreted glycoprotein, P26, Secreted melanoma-associated ME20 antigen, ME20-S, ME20S; M-beta], PMEL, D12S53E, PMEL17, SILV
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ICC/IF, IHC
Reactivity	Horse, Human

Applications

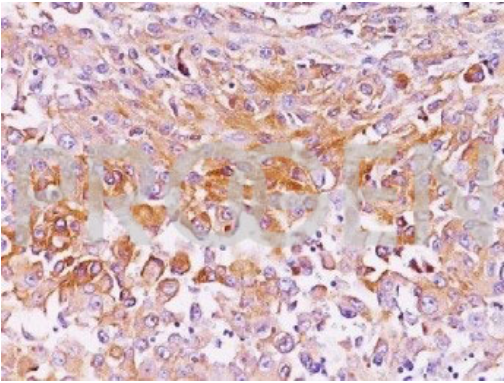
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)

Background

EBS-O-147 recognizes an intracellular antigen (innerside of the membrane of melanosomes in cultured cells) of 90-100 kDa in cells of the melanocyte lineage (gp100 as well as related pMel17). It is positive with skin melanomas, choroidal melanomas, uveal melanomas, melanoma metastases, skin melanocytes, common and dysplastic nevi, negative with all other tumors and normal tissues also with intradermal nevi and normal adult melanocytes.

Positive control: SK-MEL-28 or melanoma.

Product images



Human melanoma