

## Product datasheet

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

#### Short overview

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

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG2b kappa
<b>Clone</b>	EBS-O-147
<b>Immunogen</b>	Fresh metastatic melanotic melanoma cell membranes
<b>Formulation</b>	PBS with 0.02% sodium azide
<b>UniprotID</b>	P40967 (Human)
<b>Synonym</b>	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
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage</b>	2-8°C
<b>Intended use</b>	Research use only
<b>Application</b>	ICC/IF, IHC
<b>Reactivity</b>	Horse, Human

#### Applications

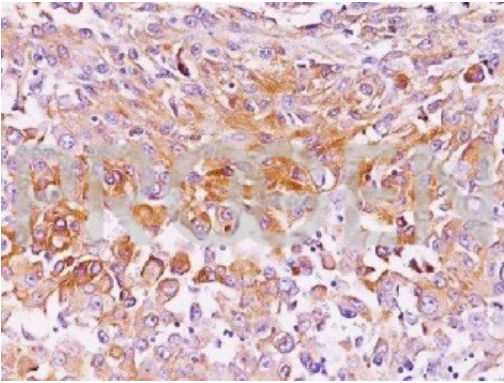
<b>Immunocytochemistry (ICC)</b>	1:100-1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)
<b>Immunohistochemistry (IHC) - paraffin</b>	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)

#### 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