

## Product datasheet

### anti-s-100 mouse monoclonal, IHC100, purified

#### Short overview

<b>Cat. No.</b>	691729
<b>Quantity</b>	1 ml

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG2a kappa
<b>Clone</b>	IHC100
<b>Immunogen</b>	s-100
<b>Formulation</b>	Tris pH 7.3-7.7 with 1% BSA and 0.09% sodium azide
<b>UniprotID</b>	P23297 (Human)
<b>Synonym</b>	Protein S100-A1, S-100 protein alpha chain, S-100 protein subunit alpha, S100 calcium-binding protein A1, S100A1, S100A
<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>	IHC
<b>Reactivity</b>	Human

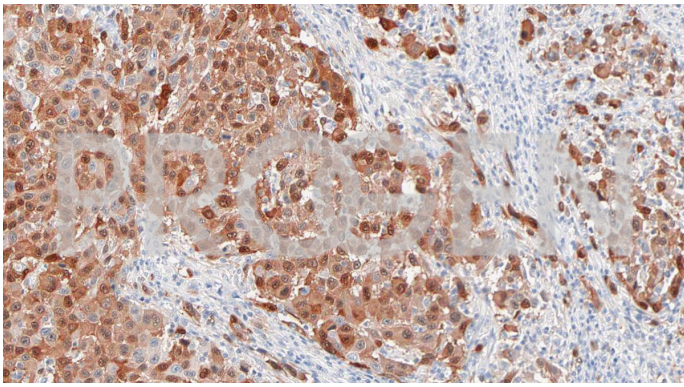
#### Applications

<b>Immunohistochemistry (IHC) - paraffin</b>	1:50-1:200 (microwave treatment recommended)
--	--

#### Background

S-100 is a low-molecular weight protein found in Schwann cells, melanocytes, glial cells, histiocytes, lipocytes, skeletal and cardiac muscle, chondrocytes, adipocytes, myoepithelial cells, macrophages, Langerhans cells, dendritic cells, and keratinocytes. S-100 is a useful marker for Schwann cell-derived tumours and a number of well-differentiated tumours of the salivary gland, adipose and cartilaginous tissue. Anti-S-100 is used to detect melanomas, histiocytosis X, malignant peripheral nerve sheath tumours, and clear cell sarcomas.

#### Product images



Melanoma