

## 44-1113: Anti-s-100 Monoclonal Antibody (Clone:IHC100)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC100
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	S100A1
<b>Gene ID :</b>	6271
<b>Uniprot ID :</b>	P23297
<b>Format :</b>	Purified
<b>Alternative Name :</b>	S100A, Protein S100-A1, S-100 protein alpha chain, S-100 protein subunit alpha, S100 calcium-binding protein A1

### Description

S-100 is a low-molecular weight protein that is 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 tumors, as well as a number of well-differentiated tumors of the salivary gland, adipose and cartilaginous tissue. Anti-S-100 is used to detect melanomas, histiocytosis X, malignant peripheral nerve sheath tumors, and clear cell sarcomas.

### Product Info

<b>Amount :</b>	0.1 ml / 1 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Storage condition :</b>	Store at 2°C - 8°C.

### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

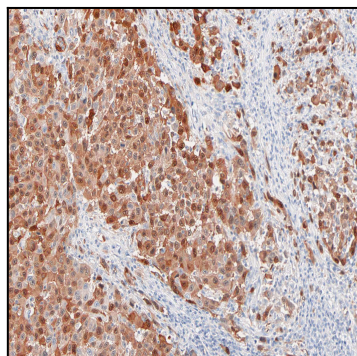


Figure 1: Immunohistochemical analysis of S-100 (IHC100) on Melanoma