

Product datasheet for **TA327733**

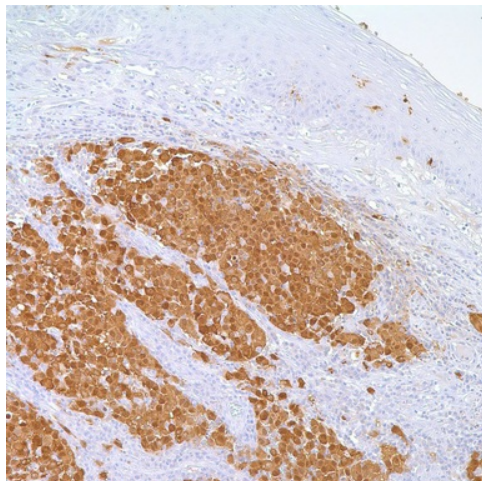
S100A1 Mouse Monoclonal Antibody [Clone ID: 4C4.9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4C4.9
Applications:	IHC
Recommended Dilution:	IHC: 1:50 - 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Formulation:	This antibody is supplied as cell culture supernatant diluted in tris buffered saline, pH 7.3-7.7, with 1% BSA and <0.1% sodium azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	S100 calcium binding protein A1
Database Link:	NP_006262 Entrez Gene 6271 Human P23297
Synonyms:	S100; S100-alpha; S100A
Note:	S-100 protein has been found in normal melanocytes, Langerhans cells, histiocytes, chondrocytes, lipocytes, skeletal and cardiac muscle, Schwann cells, epithelial and myoepithelial cells of the breast, salivary and sweat glands, as well as in glial cells. Neoplasms derived from these cells also express S-100 protein, albeit non-uniformly. A large number of well differentiated tumors of the salivary gland, adipose and cartilaginous tissue, and Schwann cell-derived tumors express S-100 protein. Almost all malignant melanomas and cases of histiocytosis X are positive for S-100 protein. Despite the fact that S-100 protein is an ubiquitous substance, its demonstration is of great value in the identification of several neoplasms, particularly melanomas.



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Product images:

Immunohistochemistry staining of Paraffin Melanoma tissue by S-100 antibody (dilution: 1:50 - 1:200; visualization of staining: Cytoplasmic, nuclear)