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**Product Name: S100A6 Mouse Monoclonal Antibody****Catalog #: AMM22073**

For research use only.

**Summary**

<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,IF,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Purification</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

**Application**

<b>Dilution Ratio</b>	IHC 1:200-400;IF 1:50-200;ELISA 1:500-5000
<b>Molecular Weight</b>	Calculated MW:10kDa

**Antigen Information**

<b>Gene Name</b>	S100A6 CACY
<b>Alternative Names</b>	
<b>Gene ID</b>	Human:6277
<b>SwissProt ID</b>	Human:P06703
<b>Immunogen</b>	Synthesized peptide derived from human S100A6 AA range: 50-90

**Background**

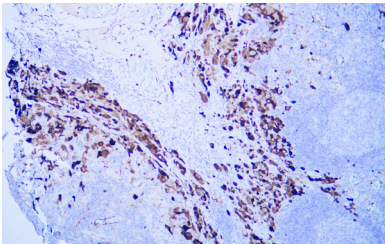
S100 calcium binding protein A6(S100A6) Homo sapiens The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation.

S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of  $\text{Ca}^{2+}$ -dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma. [provided by RefSeq, Jul 2008],

## Research Area

Pathology

## Image Data



Human malignant melanoma tissue was stained with Anti-S100A6 Antibody