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**Product Name: S100A6 (3E11) Mouse Monoclonal Antibody****Catalog #: AMM03704**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<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>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 10 kDa; Observed MW: 10 kDa

**Antigen Information**

<b>Gene Name</b>	S100A6
<b>Alternative Names</b>	S100 alpha6; Protein S100-A6; Calcyclin; MLN 4; PRA; CACY; CABP; 5B10
<b>Gene ID</b>	6277
<b>SwissProt ID</b>	P06703
<b>Immunogen</b>	Recombinant protein of human S100 alpha 6/PRA

**Background**

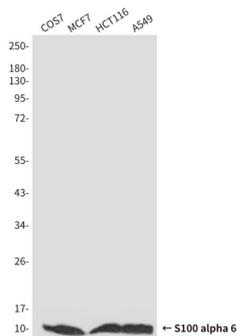
S100A6 (calcyclin) is involved in a number of cellular processes, including exocytosis and cell cycle regulation. In addition, S100A6 interacts with a number of proteins such as SIP, GAPDH, and annexins in a calcium-dependent fashion. Research

studies demonstrate that a down regulation of corresponding S100A6 gene expression causes a decrease in cell proliferation.

## Research Area

Cell Biology

## Image Data



Western blot analysis of S100A6 in COS7, MCF-7, HCT116 and A549 lysates using S100A6 antibody.