

# AbboMax, Inc

*Innovation at Work*

## Mouse Anti S100 Antibody

### ANTIGEN PREPARATION

Purified bovine brain S100 protein.

### PURIFICATION

The Mouse IgG2a is purified by protein A affinity purification

### FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer.

### STORAGE

The antibodies are stable for 12 months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . Upon initial thawing, apportion into working aliquots and store at  $-70^{\circ}\text{C}$  for up to six months. The antibodies can be stored at  $2^{\circ}\text{C}$ - $8^{\circ}\text{C}$  for one month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### SPECIFICITY

This antibody recognizes ~22 kDa (non-reduced) or 11 kDa (reduced) of S100. It reacts with human, rat, mouse and cow. The other species are not tested.

### APPLICATIONS AND SUGGESTED WORKING DILUTIONS

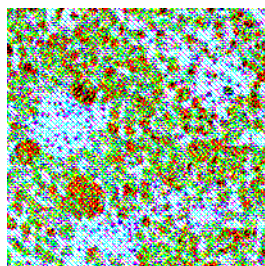
Western Blot	0.1-1 $\mu\text{g/ml}$
ELISA	0.01-0.1 $\mu\text{g/ml}$
Immunoprecipitation	2-5 $\mu\text{g/ml}$
IHC	1:50 –1:100
Flow cytometry	Not tested

**Optimal dilutions should be determined by researchers for the specific applications.**

**MOLECULAR WEIGHT:** 22 kDa (Non reduced), 11 kDa (Reduced)

**POSITIVE CONTROL:** Melanoma or Schwannoma

**CELLULAR LOCATION:** Cytoplasmic



Human melanoma stained with anti S100 antibody (Cat# 500-6824) at 1:50 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

### Order Information

Description: Mouse anti S100  
Catalogue#: 500-6824  
Lot#: See the label  
Size: 50  $\mu\text{g}/100 \text{ ul}$   
Host: Mouse  
Clone: SPM354  
Isotyping: IgG2a $\kappa$   
Application: ELISA, WB, IHC  
Reactivity: Hu/Rt/Ms/Cow

**FOR RESEARCH USE ONLY.**