

**Product Name: Stromal Interaction Molecule 1 Rabbit Monoclonal Antibody****Catalog #: AMRe02646**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<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>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 77 kDa; Observed MW: 77 kDa

**Antigen Information**

<b>Gene Name</b>	STIM1
<b>Alternative Names</b>	GOK; TAM; TAM1; IMD10; STRMK; D11S4896E
<b>Gene ID</b>	6786
<b>SwissProt ID</b>	Q13586
<b>Immunogen</b>	A synthetic peptide of human Stromal interaction molecule 1

**Background**

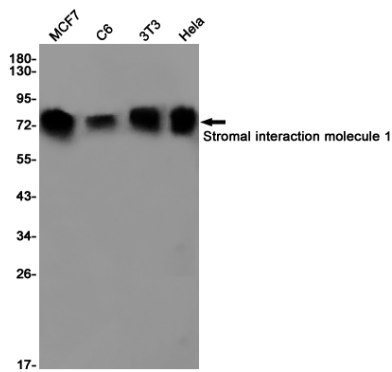
STIM1 is a potential tumor suppressor; defects in STIM1 may cause rhabdomyosarcoma and rhabdoid tumors. STIM1 can either homodimerize or form heterodimers with STIM2. STIM2 possesses a high sequence identity to STIM1 and can function as an

inhibitor of STIM1-mediated plasma membrane store-operated  $\text{Ca}^{2+}$  entry. However, further investigation is required to elucidate the true physiological function of STIM2.

## Research Area

Neuroscience

## Image Data



Western blot analysis of Stromal interaction molecule 1 in MCF-7, C6, 3T3, HeLa lysates using Stromal Interaction Molecule 1 antibody.