

Product name:	Stromal Interaction Molecule 1 Rabbit Monoclonal Antibody
Cat number:	MABN02646
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human Stromal interaction molecule 1
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:1000
Molecular Weight:	Calculated MW: 77 kDa; Observed MW: 77 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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 Ca ²⁺ entry. However, further investigation is required to elucidate the true physiological function of STIM2.