

## Datasheet

### SAE1 monoclonal antibody (M01), clone 1G4-1G5

**Catalog Number:** H00010055-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant SAE1.

**Clone Name:** 1G4-1G5

**Immunogen:** SAE1 (AAH00344, 1 a.a. ~ 346 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MVEKEEAGGGISEEEAAQYDRQIRLWGLEAQKRLRAS  
RVLLVGLKGLGAEIAKNLILAGVKGLTMLDHEQVTPED  
PGAQFLIRTGSVGRNRAEASLERAQNLNPMVDVKVDT  
EDIEKKPESFFFTQFDVCLTCCSRDVIVKVDQICHKNSI  
KFFTGDVFGYHGYTFANLGEHEFVEEKTAKVAKVSQGV  
EDGPDTKRAKLDSSSETTMVKKKVVFCPVKEALEVDWS  
SEKAKAALKRRTTSDYFLLQVLLKFRTDKGRDPSSDYE  
EDSELLQIRNDVLDLSDLGISPDLLPEDFVRYCFSEMAP  
VCAVVGILAQEIVKALSQRDPPHNNFFFDGMKGNGI  
VECLGPK

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, IHC-P, S-ELISA, WB-Ce,  
WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 lambda

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 10055

**Gene Symbol:** SAE1

**Gene Alias:** AOS1, FLJ3091, HSPC140, SUA1

**References:**

1. Autoantibodies to small ubiquitin-like modifier activating enzymes in Japanese patients with dermatomyositis: comparison with a UK Caucasian cohort. Fujimoto M, Matsushita T, Hamaguchi Y, Kaji K, Asano Y, Ogawa F, Yamaoka T, Fujikawa K, Tsukada T, Sato K, Echigo T, Hasegawa M, Takehara K. Ann Rheum Dis. 2012 Jul 26.