

## Datasheet

### TNFRSF7 monoclonal antibody (M01), clone 1E2-A3

**Catalog Number:** H00000939-M01

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

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant TNFRSF7.

**Clone Name:** 1E2-A3

**Immunogen:** TNFRSF7 (AAH12160, 1 a.a. ~ 260 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MARPHWWLCLVGLTLVGLSATPAPKSCPERHYWAQ  
GKLCCQMCEPGTFLVKDCDQHRKAAQCDPCIPGVSF  
SPDHHTRPHCESCRHCNSGLLVRNCTITANAECACRN  
GWQCRDKECTECDPLPNPSLTARSSQALSPHPQPTH  
LPYVSEMLEARTAGHMQTLADFRQLPARTLSTHWPP  
QRSLCSSDFIRILVIFSGMFLVFTLAGALFLHQRRKYRS  
NKGESPVPEAEPCRYSCPREEEGSTIPIQEDYRKPEP  
ACSP

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, RNAi-Ab, S-ELISA, WB-Ce, WB-Re, WB-Tr  
(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:** IgG2b kappa

**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:** 939

**Gene Symbol:** CD27

**Gene Alias:** MGC20393, S152, T14, TNFRSF7, Tp55

**Gene Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [provided by RefSeq]