

## Datasheet

### HMGB1 monoclonal antibody (M03), clone 1B11

**Catalog Number:** H00003146-M03

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

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant HMGB1.

**Clone Name:** 1B11

**Immunogen:** HMGB1 (AAH03378.1, 1 a.a. ~ 215 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MGKGDPPKPRGKMSSYAFFVQTCREEHKKKHPDASV  
NFSEFSKKCSERWKTMSAKEKGFEDMAKADKARYE  
REMPTYIPPKGETKKKFKDPNAPKRPPSAFFLCSEYR  
PKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKK  
AAKLKEKYEKDIAAYRAKGPDAAKKGVVKAESKKK  
KEEEEEDEEDEEEEEDEEDEDEEEDDDDE

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, IHC-P, S-ELISA, 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:** IgG2a 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:** 3146

**Gene Symbol:** HMGB1

**Gene Alias:** DKFZp686A04236, HMG1, HMG3, SBP-1

**References:**

1. Anti-Inflammatory Effects of Hyperoside in Human Endothelial Cells and in Mice. Ku SK, Zhou W, Lee W, Han MS, Na M, Bae JS Inflammation. 2015 Apr;38(2):784-99. doi: 10.1007/s10753-014-9989-8.
2. Proteomic analysis of human Epithelial Lining Fluid by microfluidics-based nanoLC-MS/MS: a feasibility study. Franciosi L, Govorukhina N, Fusetti F, Poolman B, Lodewijk ME, Timens W, Postma D, ten Hacken N, Bischoff R Electrophoresis. 2013 Sep;34(18):2683-94.