

Datasheet

HMGB1 monoclonal antibody (M01), clone 1E6-E10

Catalog Number: H00003146-M01

Regulatory Status: For research use only (RUO)

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

Clone Name: 1E6-E10

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
REMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYR
PKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKK
AAKLKEKYEKDIAAYRAKGPDAAKKGVVKAESKKK
KEEEDEEEDDEEEEEDEEEDDEEEDDDDE

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, S-ELISA, 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: IgG1 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. Emodin-6-O-?-D-glucoside inhibits HMGB1-induced inflammatory responses in vitro and in vivo. Lee W, Ku SK, Kim TH, Bae JS. Food Chem Toxicol. 2012 Nov 9. doi:pil: S0278-6915 (12)00806-X. 10.1016/j.fct.2012.10.061. [Epub ahead of print]
2. Persicarin is anti-inflammatory mediator against HMGB1-induced inflammatory responses in HUVECs and in CLP-induced sepsis mice. Kim TH, Ku SK, Bae JS. J Cell Physiol. 2012 Aug 21. doi: 10.1002/jcp.24214.