

Cat. No:	AB-83934
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human HMGB1
Reactivity:	Hu, Rt, Ms
Applications:	Western Blot: 1:500 - 1: 2000 Immunohistochemistry: 1: 50 - 1: 200 Immunofluorescence: 1: 50 -1: 200
Molecular Weight:	25kDa
Purification:	Purified
Synonyms:	HMGB1; HMG-1; HMG1; HMG3; SBP-1; high mobility group box 1
Background:	This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.
Form:	Liquid
Buffer:	Liquid in PBS containing 0.02% sodium azide, 50% glycerol, Ph7.3.
Storage:	At +4°C for short term. For longer term store at -20°C, avoid repeat freeze-thaw cycles.

**For Research use only
IMMUNOLOGICAL SCIENCES**